The Boston Globe

Serving our community since 1872

MONDAY, JANUARY 30, 2023

For hemophiliacs, a new, measured hope

Costly gene therapy promising but some patients will wait

By Jonathan Saltzman
GLOBE STAFF

JAKUB MOSUR FOR THE BOSTON GLOBE

Bobby Wiseman, of Rancho Cordova, Calif., was diagnosed as an infant with hemophilia, the rare genetic disease that prevents blood from clotting. After undergoing a new gene therapy, he hasn't had to regularly inject a protein to make his blood clot since 2018.

Given everything he's been through, Bobby Wiseman says he should have been dead instead of celebrating the birth of his first grandchild several days ago.

Wiseman, 51, who lives near Sacramento, was diagnosed as an infant with hemophilia, the rare genetic disease that prevents blood from clotting. He tested positive for HIV and hepatitis C when he was 11 after catching the viruses from contaminated blood-clotting products. As a teenager, he spent 45 days hospitalized in a coma from massive gastrointestinal bleeding.

But Wiseman's HIV is undetectable now because of medication he takes monthly. His hepatitis, he said, was cured by another breakthrough drug. Perhaps most remarkably, he hasn't had to regularly inject a protein to make his blood clot since 2018. That's when he became the first patient in a study to receive an experimental gene therapy for his form of the bleeding disorder, hemophilia B. The one-time intravenous infusion was developed by UniQure, a Dutch biotech with operations in Lexington.

Called Hemgenix, the gene therapy was cleared by the Food and Drug Administration in November but has yet to be given to patients outside of a clinical trial. It uses a modified virus to deliver a gene to liver cells to produce a missing blood-clotting protein called factor IX. Hemgenix is the first approved gene therapy in the United States for hemophilia. At $3.5 million per patient, it's also the world's most expensive drug.

Wiseman says he volunteered to receive it partly because he remembers how HIV and hepatitis C from tainted blood-clotting proteins killed friends with hemophilia in the 1980s, before better screening methods for donated blood emerged.

"I did not want the folks who

HEMOPHILIA, Page D3

Violence in West Bank at fever pitch

Attacks, killings rampant as US diplomat set to visit

By Shira Rubin and William Booth
WASHINGTON POST

JERUSALEM — A Palestinian man was killed near a settlement in the West Bank and Israeli settlers carried out dozens of attacks targeting Palestinians across the occupied territory, according to Palestinian media and officials, as violence showed no sign of abating on the eve of a trip to the region by America's top diplomat.

The Israeli army said that the Palestinian man killed late Saturday was seen outside Kdumim, a settlement in the northern West Bank, "armed with a handgun . . . and was neutralized by the community's civilian security team." Wafa, the official Palestinian news agency, identified the man as Karam Ali Salman, 18, a resident of Qusin village, near the northern West Bank city of Nablus. The report said he was fatally shot by an armed Israeli settler in circumstances that remained "unclear."

Wafa said at least 144 Israeli settler attacks — some minor rock-throwing incidents, others much more violent — were reported on Saturday across the West Bank, the occupied territory that Palestinians envision as part of their future state. Those followed a Palestinian gunman's attack Friday outside a synagogue in East Jerusalem, killing seven people.

Israeli authorities on Sunday began demolishing Palestinian homes in retaliation for the synagogue attack and pledged an expansion of West Bank set-

ISRAEL, Page A10

A broken bond, a shaken citadel of science

Kristin Knouse and David Sabatini, both biologists, had an intimate relationship that bridged boundaries — she is young in her career, he is globally renowned — and broke the rules at Cambridge's Whitehead Institute. After Knouse alleged harassment and other complaints emerged, an investigation rocked Whitehead, forced out Sabatini, and damaged all involved. Did it have to end this way?

Boston Globe Spotlight Team

This is the second of a two-part series reported by Meghan E. Irons, Mark Arsenault, and Spotlight editor Patricia Wen. This story was written by Irons.

PHOTO ILLUSTRATION/GLOBE STAFF
GRETCHEN ERTL/WHITEHEAD INSTITUTE

Kristin Knouse, a scientist formerly at Whitehead Institute.

The two women from Whitehead Institute sat at a quiet table outside Tatte Bakery & Cafe in Kendall Square on Oct. 19, 2020, trying hard to extend their small talk before the conversation turned serious.

Ruth Lehmann, who had started as Whitehead's director only a few months earlier, had brought along her Australian shepherd, who lazed on the sidewalk. Sitting with her was Kristin Knouse, one of the institute's young, talented researchers who, during this conversation, could barely suppress her nerves. Her future was at stake — and maybe that of others.

Lehmann had set up this meeting to resolve a mystery: Why was Knouse, then 32, leaving Whitehead prematurely, midway through her prestigious five-year fellowship? It was a stunning step; it made no sense.

Lehmann, an award-winning germ cell biologist, had built a career in a male-dominated field and championed the success of young scientists like Knouse. On her first day as Whitehead director that

SPOTLIGHT, Page A4

Systemic racism is the death of us all

JENEÉ OSTERHELDT

COMMENTARY

Home is a lot of things.

Our physical address, the place we grew up, the people we love, the country we claim.

Tyre Nichols was just trying to go home, to his mom, in Memphis. He faded in and out of life not even 100 yards away from her house. Police beat him so badly he died days later, a week before Martin Luther King Jr. Day.

King had a dream, but he also knew we must confront our American nightmare.

"There are those who are asking the devotees of civil rights, 'When will you be satisfied?' " King said in his famous "I Have a Dream" speech. "We can never be satisfied as long as the Negro is the victim of the unspeakable horrors of police brutality."

After cursing, tasing, kicking, punching, and baton-clubbing Tyre into the place between living and dead on film, officers casually stood around chatting about the violence with a normalcy as routine as drinking coffee.

Cops killed Tyre in the city where Martin Lu-

OSTERHELDT, Page B4

A troubled response

Videos of the police beating of Tyre Nichols are also raising questions about the initial lack of care he received from EMTs. **A2.**

Not so dry January

Monday: Windy, rain late. High 45-50, low 30-35.

Tuesday: Clearing, chilly, windy. High 31-36, low 19-24.

Sunrise: 7:00. Sunset: 4:55.

Weather and comics, **D4-5.**

Obituaries, **B6.**

VOL. 303, NO. 30
*
Suggested retail price
$3.50

0 947725 05115

House Speaker Kevin McCarthy will meet with President Biden on Wednesday to discuss an impending showdown over lifting the nation's debt limit. **A2.**

More than 500 educators are expected to strike Monday, halting school in Woburn after efforts to agree to a contract with the city failed. **B1.**

Robots as line chefs? Scott Kirsner takes a look at local firms that are bringing automation to food preparation. **D1.**

The Super Bowl is set: It will be the Philadelphia Eagles against the Kansas City Chiefs, on Feb. 12, in Arizona. **C1.**

For breaking news, updated stories, and more, visit our website:

BostonGlobe.com

JESSICA RINALDI/GLOBE STAFF

A LITTLE FIERCE, A LOT OF FUN AND FROLICKING

George Chen, 6, was the dancer/navigator of a lion during a Lunar New Year celebration Sunday in Boston's Chinatown. The Year of the Rabbit was ushered in by dancers in colorful dragon costumes winding through the streets accompanied by cymbalists and drummers. **B1.**

VISIT…

The Nation

EMT response to Nichols questioned

Video shows treatment delay after beating

By Nicholas Bogel-Burroughs and Gina Kolata
NEW YORK TIMES

MEMPHIS — Tyre Nichols writhed in pain on the pavement after being beaten by Memphis police officers. His back was against a police car, his hands were cuffed, and his face was bloody. He was groaning, and he kept falling over.

A few feet away, two emergency medical workers looked on. They helped Nichols sit up a few times after he had slumped to his side, but then, for nearly seven minutes, they did not touch him. At one point, they walked away.

Nichols, a father and FedEx worker who liked photography and skateboarding, died in a hospital three days later. Five officers were fired and have been charged with second-degree murder in his death.

Videos of the Jan. 7 beating released Friday have led people to scrutinize those officers' actions frame by frame. But the footage has also turned the public's attention to the emergency medical workers who first arrived on the scene after the beating, raising the question of whether they should or could have done more to help Nichols.

"It seems like they did not have the decent humanity to render aid to a man who was, at first, calling for this mother, but then laying against the car," said JB Smiley Jr., vice chair of the Memphis City Council.

Both of the medical workers who arrived first to tend to Nichols appeared to be emergency medical technicians with the Memphis Fire Department. Fire EMTs often respond more quickly than ambulance crews to emergency calls, but their job is largely to carry out fundamental first aid: conducting a basic neurological assessment, making sure patients can breathe, checking their vital signs, and stemming any major bleeding.

Qwanesha Ward, a spokesperson for the Fire Department, said Friday that the department had suspended two of its EMTs who had treated Nichols and that an investigation was expected to wrap up early this week. She declined to identify the medics.

To many in Memphis, the videos were troubling, appearing to show the medical workers responding without urgency to Nichols's suffering.

GERALD HERBERT/AP

Demonstrators protested Sunday outside a Memphis police precinct in response to the death of Tyre Nichols.

Experts in emergency medicine noted that the first medics on a scene were often the least trained and frequently relied in part on police — who, in this case, said Nichols, 29, was on drugs — to understand a patient's condition.

Dr. Sean Montgomery, a trauma expert at Duke University's medical school, said that it was difficult to evaluate the medical response, given the low quality of the nearby surveillance camera, but that the responding medical personnel did not seem to have followed standard protocol, which calls for stopping any major bleeding and then assessing a patient's airway and breathing.

He said it was not clear that anyone had begun to fully assess Nichols, in line with those standards, until about 15 minutes after the medics had arrived. That is when medics can be seen going into their bag of tools and treatments. At that point, it had been 21 minutes since an officer last kicked Nichols.

"The patient clearly seems to be in shock and have trouble breathing, even with the poor camera view," Montgomery wrote in an e-mail, adding that emergency response crews are often undertrained and underfunded.

Dr. Alan Tyroch, chief of surgery and trauma at Texas Tech University Health Sciences Center in El Paso, said he had watched a video of the response several times but had found the quality so poor that it was nearly impossible to evaluate what medical care was being provided or by whom.

"Nobody really knows except the people who were there," he said.

An ambulance pulled up to the scene more than 25 minutes after the police officers had stopped beating Nichols. Medical response times have been a problem in many cities, including Memphis, where officials have said they are experiencing a rise in 911 calls, straining the system.

In recent years, the Memphis firefighters union has tried to calm fears about slow response times by noting that Fire Department EMTs often show up before more skilled paramedics and ambulance units do.

Biden, speaker to discuss debt limit

McCarthy to seek spending cuts

By Hope Yen and Zeke Miller
ASSOCIATED PRESS

WASHINGTON — House Speaker Kevin McCarthy said Sunday he is looking forward to discussing with President Biden a "reasonable and responsible way that we can lift the debt ceiling" when the two meet Wednesday for their first sit-down at the White House since McCarthy was elected to the post.

McCarthy, Republican of California, said he wants to address spending cuts along with raising the debt limit, even though the White House has ruled out linking those two issues together as the government tries to avoid a potentially devastating financial default.

The speaker pledged that cuts to Social Security and Medicare would be off the table.

"I know the president said he didn't want to have any discussion [on cuts], but I think it's very important that our whole government is designed to find compromise," McCarthy told CBS' "Face the Nation." "I want to sit down together, work out an agreement that we can move forward to put us on a path to balance — and at the same time not put any of our debt in jeopardy at the same time."

Asked whether he would make a guarantee, McCarthy said, "There will not be a default," though he suggested that declaration depended on the willingness of Biden and Democrats to negotiate.

The White House on Sunday confirmed Wednesday's meeting on "a range of issues." It said Biden looked forward to "strengthening his working relationship" with McCarthy and to asking about the speaker's plan on spending, noting that the first House bill passed by Republicans this year to slash IRS funding would ultimately increase the deficit.

"The President will ask Speaker McCarthy if he intends to meet his Constitutional obligation to prevent a national default, as every other House and Senate leader in U.S. history has done," the White House said. "He will underscore that the economic security of all Americans cannot be held hostage to force unpopular cuts on working families."

McCarthy was elected speaker on a historic 15th ballot early on Jan. 7, overcoming holdouts from his own ranks and tensions that have tested the new GOP majority ability to govern.

Word of the long-awaited White House meeting comes at a time of divided government in Washington with a debt ceiling crisis brewing and House Republicans ready for confrontation.

McCarthy has been eager to push Biden to the negotiating table, hoping to make good on the promises the GOP leader made to holdouts during his campaign to become speaker to pare federal spending back to 2022 budget levels, which would be a sizable 8 percent budget cut.

The White House has made clear that Biden is not willing to entertain policy concessions in exchange for lifting the debt limit, which is the nation's borrowing authority. The United States bumped up against that limit earlier this month.

Biden himself has scoffed at the idea of negotiating spending cuts, telling Democratic congressional leaders last week that Republicans were "genuinely serious about cutting Social Security, cutting Medicare."

On Sunday, when McCarthy was asked if he would push cuts to those programs, he said, "Let's take those off the table." Pressed on possible defense cuts that he may have promised to House conservatives, McCarthy responded: "I want to eliminate waste wherever it is. ... I want to look at every single department."

Daily Briefing

Assailant hurls Molotov cocktail at N.J. synagogue

A man wearing a ski mask lit the wick of a Molotov cocktail and hurled it at the front door of a Bloomfield, N.J., synagogue early Sunday morning, the latest episode in an uptick of harassment and violence targeting Jews and Jewish institutions, authorities said.

The Molotov cocktail's bottle broke, and the synagogue, Temple Ner Tamid, was undamaged, the Bloomfield Police Department said in a news release.

The man was wearing black clothing, including a shirt that appeared to have a skull and crossbones design on it, according to the synagogue's surveillance footage. Police said the man fled down the driveway.

About six hours after the 3:19 a.m. attack, temple staff members discovered what had happened and notified police. The synagogue said in a statement that the fire went out on impact, and that the door was secure.

All scheduled activities on Sunday were canceled, and the synagogue said it expected an ongoing and heightened police presence in the coming days.

Marc Katz, the temple's rabbi, said in the statement that the synagogue has and "will continue to do everything in our power to keep our community safe."

"Everything worked as it should," he said. "Our cameras recorded the incident, and our shatter-resistant doors held."

The Anti-Defamation League of New York and New Jersey said in a joint statement issued with partner organizations that the attempted arson at Temple Ner Tamid came amid a "spike in antisemitic incidents" and recent threats at synagogues in New Jersey.

In November, an 18-year-old man from New Jersey's Middlesex County was charged with threatening to attack a synagogue and Jews.

In 2021, the Anti-Defamation League recorded 370 antisemitic incidents in New Jersey, representing the highest number ever recorded for the state — and the second-highest total recorded across the country that year. Figures from 2022 are not yet available.

NEW YORK TIMES

JOHN LOCHER/ASSOCIATED PRESS 2022 FILES

HIGH AND DRY IN NEVADA — A formerly sunken boat stood with its stern buried in mud along the shoreline at Lake Mead National Recreation Area, near Boulder City, Nev. The first weeks of 2023 are crucial for Southwestern states and water agencies to agree on how to use less water from the shrinking Colorado River.

Mo. man belatedly found dead in SUV

KANSAS CITY, Mo. — Family members and a forensic expert are questioning why Kansas City police didn't find a man's body in the cargo area of his own SUV until after they towed it to a Missouri police station earlier this month.

Adam "A.J." Blackstock Jr.'s death is being investigated as a homicide, according to The Kansas City Star.

The newspaper reported that police defended how they ¾handled the situation because they didn't have a search warrant when they had the vehicle towed on Jan. 17, and Blackstock had yet to be officially reported missing.

One forensic expert told the newspaper that police should have looked inside the vehicle before they moved it.

"The idea of taking a vehicle into custody without searching inside a vehicle or opening the trunk is just negligent," said Brent Turvey, a forensic scientist and criminologist with the Forensic Criminology Institute.

Family members said they want answers about what happened to Blackstock, 24, who had an 18-month-old son.

"We really are asking for justice," Danielle Blackstock, his older sister, told the newspaper. "We can't have him back. But we need justice."

The paper quoted Kansas City Police Department spokesman Sgt. Jake Becchina as saying last week that detectives were making headway toward identifying persons of interest in the case, but charges had yet to be filed.

ASSOCIATED PRESS

Iowa police won't release shooting video

DES MOINES — Police are refusing to release body camera video of three Des Moines officers fatally shooting a 16-year-old boy during a domestic disturbance last month because of a state law preventing footage that shows a minor committing a "delinquent act."

The Des Moines Register reports that the police department was preparing to release the video from all four officers that were involved in the Dec. 26 confrontation before the city's legal department intervened. The state Attorney General's office already ruled that the officers were legally justified in the shooting because the boy raised a gun at them several times.

The boy's name has not been released.

Des Moines Police spokesman Sergeant Paul Parizek said the city's lawyers told police that the footage couldn't be released under state law. He said the law states that police can't release records or video about a juvenile allegedly committing a crime.

All three officers who opened fire on the boy — Noah Bollinger, Zachary Duitscher, and Thomas Garcie — remain on administrative leave while the department reviews the shooting.

Police have said that the officers tried to de-escalate the situation as they negotiated with the boy for 4 minutes, 20 seconds. The officers and family members at the scene urged the boy to put down the gun and surrender more than 70 times, but he didn't comply.

ASSOCIATED PRESS

Snow no-show in NYC feels nice — but also a little unsettling

NEW YORK — New Yorkers know that every year won't bring a white Christmas, but by late January, the city has usually seen enough powder for sleds and snowball fights to make an appearance.

That is not the case this winter. It has been 50 years since the city has waited this long for the first measurable snowfall of the season. It's a record-tying absence that has made many residents at turns grateful, wistful, and worried.

Rachel Reuben, a private chef, is quietly pleased she hasn't seen measurable snow — which is defined as snow sticking above a tenth of an inch — in New York City over the past 325 days.

According to meteorologists, the city is nearing two snow-related milestones. New York City will set a record Monday for its latest-ever first measurable snow of the winter, beating Jan. 29, 1973.

Less than a week later, New York City could eclipse its longest streak of consecutive days without measurable snow. The record stands at the 332 days set Dec. 15, 2020.

NEW YORK TIMES

NEW YORK TIMES

The last time it snowed in New York City was March 22, 2022.

The World

DAILY BRIEFING

ISMAIL SASOLI/AFP VIA GETTY IMAGES

Residents examined the wreckage of a passenger bus in the Lasbela district of Pakistan's Baluchistan province on Sunday.

41 killed in Pakistan after bus plummets off bridge and catches fire

PESHAWAR, Pakistan — Forty-one people were killed after a passenger bus fell into a ravine and burst into flames in the southern Baluchistan province Sunday morning, a police official said.

The vehicle was transporting 44 people when it fell off a bridge and caught fire near the town of Bela in the Lasbela district.

"Forty-one burned to death," Qamar Aziz, a police official in Lasbela told The Washington Post via phone.

Three people onboard the bus survived the crash with injuries and were admitted to hospitals, Aziz added. There was no information immediately available on the identities of the survivors or how they were able to survive.

Bodies, including those of women and children, were charred beyond recognition after their recovery from the crash site, said Hamza Anjum Nadeem, assistant commissioner in Bela. Their remains will be transported to Karachi for DNA sampling and identification, after which they would be returned to their families.

The bus crashed on its way from Quetta in the Baluchistan province to Karachi in the neighboring Sindh province, Aziz said.

"The accident happened due to over-speeding and the bus crashed into the pillar of a bridge," Nadeem said. "It caught fire soon after falling into the ravine."

Photos show what appeared to be the vehicle's charred chassis lying on the bed of a gorge as ambulance workers transported the bodies of the victims.

"My heartfelt condolences go out to the bereaved families," Pakistan's interior minister, Rana Sanaullah Khan, tweeted Sunday. "May Allah provide them with the courage to endure this loss and bless the souls of the deceased."

WASHINGTON POST

Israeli drones strike military facility in Iran

UGC/AFP VIA GETTY IMAGES

An image from video shows the moment a bomb struck a military facility in central Iran.

TEL AVIV, Israel — A drone attack on an Iranian military facility that resulted in a large explosion in the center of the city of Isfahan on Saturday was the work of the Mossad, Israel's intelligence agency, according to senior intelligence officials who were familiar with the dialogue between Israel and the United States about the attack.

The facility's purpose was not clear, and neither was how much damage the strike caused. But Isfahan is a major center of missile production, research, and development for Iran, including the assembly of many of its Shahab medium-range missiles, which can reach Israel and beyond.

Weeks ago, US officials publicly identified Iran as the primary supplier of drones to Russia for use in the war in Ukraine, and they said they believed Russia was also trying to obtain Iranian missiles to use in the conflict. But US officials said they believed this strike was prompted by Israel's concerns about its own security, not the potential for missile exports to Russia.

The strike came just as Secretary of State Antony Blinken was beginning a visit to Israel, his first since Benjamin Netanyahu returned to office as prime minister. CIA Director William Burns visited Israel last week.

US officials quickly sent out word Sunday morning that the United States was not responsible for the attack. One official confirmed that it had been conducted by Israel but did not have details about the target. Sometimes Israel gives the United States advance warning of an attack or informs US officials as an operation is being launched. It is unclear if that happened in this case.

Iran's official news agency, IRNA, reported Sunday that the drones had targeted an ammunition manufacturing plant, and that they had been shot down by a surface-to-air defense system.

NEW YORK TIMES

Turkey may OK Finland for NATO

ISTANBUL — Turkey's president has suggested his country might approve Finland's application for NATO membership before taking any action on Sweden's, while the Turkish government issued a travel warning for European countries due to anti-Turkish demonstrations and what it described as Islamophobia.

The travel warning published late Saturday, followed demonstrations last weekend outside the Turkish Embassy in Sweden, where an activist burned the Quran and pro-Kurdish groups protested against Turkey. The events stiffened Turkey's refusal so far to ratify Sweden's NATO bid.

Sweden and Finland applied jointly to become members of the military alliance. In a prerecorded video of an event released Sunday, President Recep Tayyip Erdogan indicated that Turkey might sign off on only Finland.

"If needed, we could give a different message about Finland," Erdogan said to a group of young people in Bilecik province. "Sweden will be shocked when we give the different message about Finland."

Turkey has accused the government in Stockholm of being too lenient toward groups it deems as terror organizations or existential threats, including Kurdish groups. NATO requires unanimous approval of its existing members to add new ones.

In its travel warning to citizens, the Turkish foreign ministry cited an increase in anti-Turkish protests by "groups with links to terror groups," a reference to the Kurdistan Workers' Party, which has waged a decades-long insurgency against Turkey.

ASSOCIATED PRESS

Low turnout mars Tunisia elections

TUNIS — Voters in Tunisia shunned parliamentary elections seen as an important test for their president and their country's troubled democracy, according to preliminary turnout figures Sunday. Independent observers reported scattered violations.

Turnout was just 11.3 percent of Tunisia's 8 million voters, according to preliminary estimates from the national electoral commission. That is about the same level of participation as in the first round of voting last month.

President Kais Saied is trying to consolidate power.

Many disaffected Tunisians stayed away, and the influential Islamist party Ennahdha and other opposition movements boycotted.

The runoff elections were being watched around the Arab world. They're seen as a conclusive step in President Kais Saied's push to consolidate power, tame Islamist rivals, and win back lenders and investors needed to save the country's teetering economy.

But the low turnout casts doubt on the future parliament's legitimacy and could complicate Saied's plans. Election officials are expected to announce the preliminary results Wednesday.

Voters were choosing lawmakers to replace the last parliament, led by Ennahdha, which Saied suspended in 2021 and later disbanded. He then had the constitution rewritten to give more power to the president and less to the legislature.

ASSOCIATED PRESS

Donbas villages become focus of fierce fighting

Russia, Ukraine seek advantage before offensives

By Matthew Mpoke Bigg
NEW YORK TIMES

Russian forces were wrestling for control of villages in eastern Ukraine near the beleaguered city of Bakhmut over the weekend, the latest flashpoint in a battle that Moscow views as crucial for its push to seize the whole of the eastern region of Donbas.

Ukraine's general staff said Sunday that its soldiers had repelled attacks on the small village of Blahodatne and several other settlements in the area. The statement came a day after Russia's Wagner group, a private military company that has conducted much of the fighting around Bakhmut on Moscow's behalf, claimed that its forces had captured Blahodatne.

"Blahodatne is under our control," Yevgeny Prigozhin, the head of the Wagner group, said Saturday in a statement posted on a website for one of his companies.

Russia's defense ministry has not confirmed the report, and the claim could not be independently verified. Prigozhin has sought to cast his mercenaries as the most effective fighting force in the area and previously has claimed credit for advances ahead of Kremlin confirmation.

Blahodatne lies between Soledar, a salt-mining town that Russian forces recently captured after weeks of intense fighting, and a road that runs north from the city of Bakhmut. The road serves as a crucial supply line for Ukrainian forces defending the city.

Since the summer, Bakhmut has become a focal point of the fighting in eastern Ukraine and the target of Moscow's most significant offensive.

Moscow aims to encircle Bakhmut, cut off its supply routes, and then force the city's defenders to withdraw. Despite some recent success, Russia's progress in the campaign, which began over the summer, has been grindingly slow, and both sides have sustained heavy casualties in intense fighting.

But since capturing Soledar earlier this month, Russian forces have stepped up shelling of the villages just to the west of it, including Blahodatne.

Many civilians have followed a directive from the government in Kyiv to leave Donetsk, which is home to Bakhmut and one of the two regions that make up the Donbas region. Civilians who have stayed remain vulnerable to shelling and artillery attacks, with dozens killed in recent weeks. Pavlo Kyrylenko, head of Donetsk's military administration, said Sunday that five civilians had been killed a day earlier in the region.

Almost a year after Russia launched its full-scale invasion of Ukraine, both sides are expected to launch renewed offensives in the coming months, as Kyiv puts to use the heavy weapons sent from the West and Russia deploys the huge numbers of men it drafted last year.

Germany and the United States last week announced that they would send battle tanks to Ukraine, a move that came after weeks of tense back-channel negotiations among Western officials. But it may be months before the tanks rumble across the battlefield.

Britain's defense ministry said Sunday the first Ukrainian soldiers had arrived in Britain for training on the Challenger 2 tanks pledged earlier this month.

In a speech Saturday, President Volodymyr Zelensky of Ukraine expressed gratitude for the latest promises of military aid but said the allies should still do more. "Ukraine needs long-range missiles, in particular, to remove this possibility of the occupiers to place their missile launchers somewhere far from the front line and destroy Ukrainian cities with them," he said in an overnight address.

UK prime minister ousts top official

Tax issue leads to firing in latest setback for Sunak

By Mark Landler
NEW YORK TIMES

LONDON — Struggling to dispel an ethical cloud that has hung over his government, Prime Minister Rishi Sunak on Sunday fired the chair of Britain's Conservative Party, Nadhim Zahawi, over his tax affairs.

Sunak acted after his ethics adviser concluded that Zahawi's failure to promptly disclose an inquiry into his taxes — which resulted in a settlement and penalty with the British tax authority estimated to be roughly 5 million pounds (about $6.2 million) — was a "serious breach" of the ministerial code.

In a briskly worded letter to Zahawi, whom he also fired from an accompanying role as a government minister, Sunak said he had promised voters when he became prime minister in October that "the government I lead would have integrity, professionalism and accountability at every level."

As a result of the ethics investigation, conducted by a government adviser, Laurie Magnus, the prime minister wrote, "I have informed you of my decision to remove you from your position in His Majesty's government."

The ouster of Zahawi, a wealthy businessman of Iraqi Kurdish descent who served previously as chancellor of the Exchequer, is a stinging blow to Sunak. The prime minister rose to power by helping topple a scandal-scarred predecessor, Boris Johnson, but his government has been unable to shake off many of the same ethics problems that haunted Johnson.

Zahawi, 55, is the second minister in three months to be forced out over accusations of wrongdoing. Gavin Williamson resigned in November as a minister without portfolio after accusations of bullying.

Dominic Raab, the deputy prime minister, is under investigation for multiple charges that he bullied civil servants while serving as foreign secretary and justice secretary in a previous government. The home secretary, Suella Braverman, was fired from an earlier stint in the post over allegations of mishandling an official document.

Even Sunak has become a serial offender, if on matters that are less grave than those facing his ministers. He was fined recently by the police in Lancashire, in northwest England, after being filmed not wearing a seat belt in the back of his official car. Last year, he and Johnson were fined for breaching pandemic lockdown restrictions by attending a social gathering in Downing Street.

For Sunak, the latest scandal will make it even harder for him to pivot to fixing Britain's faltering economy. His Conservative Party is already lagging behind the opposition Labour Party by double digits in some polls. Accusations of "Tory sleaze" are a daily staple in the British news media — one reason that support for the Conservatives has collapsed.

BOSTON GLOBE SPOTLIGHT TEAM

LANE TURNER/GLOBE STAFF/FILE

Ruth Lehmann outside the Whitehead Institute in Kendall Square in Cambridge in early July 2020, just days after taking over as its new director.

MIT DEPARTMENT OF BIOLOGY

Kristin Knouse, shown in 2021, studies how tissues sense and respond to damage to help develop novel treatments for a range of human diseases.

A broken bond, a shaken citadel of science

▶SPOTLIGHT
Continued from Page A1

July, she had promised to foster "a culture of excellence" and about a week later, commissioned a firm to conduct a diversity, equity, and inclusion survey of all staff. She couldn't know it at the time, but the survey would, in tandem with other concerns voiced by staff, have seismic consequences.

She was aiming to improve the work environment of the place, and also facing sobering realities.

The National Institutes of Health, a major government source of grants for Whitehead, had threatened fiscal penalties for institutions that didn't transparently, and vigorously, address issues of sexual harassment and misconduct. This came after a 2018 report by the National Academies of Sciences, Engineering, and Medicine found pervasive discrimination against women in science. Since the report, institutions nationwide had begun removing the names of over 100 scientists accused of sexual harassment and other misconduct from grants and awards funded by NIH.

"I hope that we can undertake honest, productive, and difficult conversations together," said Lehmann, then 65, in an e-mail to all employees on her first day as the head of Whitehead.

Lehmann knew that cultural change would come hard, because it meant dealing with issues endemic to the large, modern science labs that have turbocharged this region's economy. For decades, some researchers have complained that the labs often become imperious environments driven by the personality and priorities of the lab leader — the so-called principal investigator or P.I. Young scientists can become dependent on these research stars for career advancement and often feel they have little recourse if they have complaints.

That day at Tatte, Knouse couldn't bring herself to unload her own complaint, couldn't tell Lehmann that her anguish was all about one of those scientific stars — David Sabatini — and how, over time, her view of their complicated relationship had changed. She had come to see him as the source of her despair.

As far as the outside world could see, she and Sabatini were colleagues and friends, but the truth was that, off and on for more than a year, they had had about a dozen secret sexual liaisons — secret because, beyond wanting to avoid eyebrow-raising gossip, they knew that such relationships between scientists in their positions were strictly forbidden at the Whitehead. The two had bonded at first over their shared love of science — he had been her teacher and mentor — and good whiskey. And then, in an arrangement that she later told confidantes caused her increasing unease, they had casual and clandestine sex.

All along, they had agreed their relationship wasn't exclusive, that they could see others. And he had, taking up with an American scientist based in Germany who had briefly worked in his lab. When he told Knouse about it in early 2020, she spoke of hurt and ended the relationship.

Her emotions evolved to something else. It was not about jealousy or disappointed hopes, according to friends who spoke to her then. Over time, she had become hardened in her view that Sabatini had exploited her, and that, she believed, he had a pattern of pursuing other young female scientists who craved his professional blessing.

For this reason, she sought to leave Whitehead. She also wanted to expose the powerful scientist she believed might hurt other vulnerable women.

Sabatini has said to the Globe that he never exploited his power in any way with Knouse, or any other woman.

In the meeting with Lehmann that day, Knouse found it hard to contemplate, much less talk about something so painful, so confusing, and so long a secret. She was frightened, as she told trusted colleagues, of the likely backlash.

And so when Lehmann asked why she was leaving, the younger scientist said only that she had experienced "harassment" that had deeply affected her mental health. She didn't say what kind of harassment, or by whom.

Knouse's allegation, though initially vague, landed like a ticking time bomb in Lehmann's lap. After decades immersed in laboratory life, she knew that sexual harassment against women in science was all too common and that any probe would inevitably convulse the workplace, unleashing forces that could blow up into lawsuits, disruption, and truth-twisting social media storms. Lehmann had only met Knouse once before, briefly, at a work retreat.

By the next month, November, Lehmann appeared to know much more. She seemed to have some idea that Knouse intended to make a complaint about Sabatini, according to e-mails between Knouse and Lehmann reviewed by the Globe. Soon, more of Knouse's account, full of nuance and complications and assertions that Sabatini furiously disputes, would emerge.

A sisterhood

There were good reasons why it seemed unthinkable for Knouse to leave Whitehead, and to name Sabatini as the root of her growing pain.

The institute is one of the world's leading centers for biomedical research, a powerful draw for the best minds in the field, the capstone for a career. Very few young, aspiring scientific superstars — and Knouse was surely one — would walk away from such an opportunity.

For Knouse, even though her lab was still small, getting to a place like Whitehead and working with internationally renowned researchers had been the fulfillment of a long-held dream, though she wasn't one of those precocious souls who had known since childhood that science was the center of their world. Growing up in Allentown, Pa., she told the Globe, she didn't have many strong female professional role models; her mother was largely a stay-at-home mom raising her and her two younger siblings. She had imagined she might be a medical doctor, like her father.

But a summer high school science enrichment program lit the spark, and her undergraduate studies at Duke and graduate work at the Harvard/MIT MD-PhD program only confirmed her love of biological research — and her uncommon gift for the work. She be-

came fascinated by the liver's capacity to regenerate after injury, and wondered whether unpacking that mystery could help in the treatment of other organs.

"There was a fire inside me for this," Knouse told the Globe, in her first of two interviews since her role in the Sabatini controversy became public. (Knouse declined several previous requests for interviews, but ultimately consented on the condition that her lawyers be present and that she would not publicly discuss her relationship with Sabatini due to his pending defamation case against her.)

Taking on Sabatini was hard for her. Beyond the fact of their sexual entanglement, he had been at times a special mentor to her, and having an influential patron is critical to success in the rarefied upper echelons of science. She also knew he would insist — and he did — that their sexual relationship was entirely consensual, and that his past record shows deep respect and support for female scientists. She worried about whether she could prosper at Whitehead or anywhere, if she angered Sabatini and he turned on her.

"If I launch an investigation and he DOESN'T get fired, my life will be hell," she said to a lab member in a text obtained by the Globe.

Knouse's resentment of Sabatini intensified when she summoned the nerve, sometime in 2019, to open up about her feelings to a handful of other women at Whitehead. They were part of an informal sisterhood that had evolved within this 40-year-old biomedical research institute, and they often traded exasperated text messages at all hours. They also confided in one another outside the lab, while jogging or kayaking or sipping cocktails.

These women were mostly young, from diverse backgrounds, and in the early stages of their careers. Their presence at Whitehead highlighted some recent successes in diversity and inclusion efforts at the institute. Women now represent about half of the total employee pool at Whitehead, though they make up only a quarter of its principal investigators and fellows.

When some of the women got together socially, all kinds of subjects were on the table, including their uncomfortable experiences involving Sabatini and the offensive edge of some of the discourse in his lab, according to interviews and texts reviewed by the Globe. There was talk of advice they had received from other researchers to "play hard to get" with him to get his support and about his eye for attractive women in the lab.

One female postdoc in Sabatini's lab texted another, "The only way to get david to like you as a woman is if you sexually appeal to him," to which the other postdoc replied, in an exchange reviewed by Whitehead investigators, with emojis showing an expression of disgust.

In the fall of 2020, Knouse and other women took part in Whitehead's Zoom viewing of a newly released documentary, "Picture a Scientist." It was about the decades-long struggle by women in science for equity and respect, and featured retired MIT molecular biologist Nancy Hopkins, as well as a former BU graduate student, Jane Willenbring, whose sexual harassment allegations against geologist David Marchant led to his firing in 2019.

After the viewing, Knouse thought to herself, as she recalled to the Globe, "It is wrong for me to stay quiet."

She mulled her next steps methodically and anticipated how she would likely be portrayed.

A text to another female lab member began: "i mean he legally cannot retaliate but basically he could go on twitter and call me a scorned ex lover then that's out there it can't be unsaid." She went on to say, "he can say that i pursued him heavily, i went to his whiskey tastings, i flirted with him, etc. it's all he said she said."

Knouse's texts that were shared with friends and investigators — and reviewed by the Globe — appear to document a gradual and wrenching evolution of her emotional state. Her feelings of exploitation had run alongside a wish for a more meaningful relationship with Sabatini, but then, at some point, Knouse became openly hostile, and wanted Sabatini to be held accountable.

The texts are not as revealing about when her change of mind began or exactly what triggered it. Sabatini and Knouse offer sharply different accounts on this score — she saying her sense of exploitation, there from the start, only escalated over time; he saying the shift came only after she learned of his new relationship. But the texts do suggest how deeply wounded and angry Knouse had become.

"The past few nights I've been doing a lot of reflecting and journaling and coming to terms with how [expletive] toxic and damaging my entire situation with him was. I feel like I was totally brainwashed," she wrote to a Sabatini lab member, who appeared sympathetic. "I kept trying to escape and he would suck me back in. I'm resolved to never let it happen again."

She said she felt, after ending the relationship, like "a kid who got rescued from an old creeper's basement."

The texts show that Knouse, in the months before her meeting at Tatte with Lehmann, had brainstormed with friends about how she could confront Sabatini and see him penalized.

This was all happening at a time when Knouse was losing the support and counsel of one of the strongest female scientists she knew — Angelika Amon, an MIT professor who had been her mentor since graduate school. Amon was diagnosed with terminal ovarian cancer in 2018 and died on Oct. 29, 2020.

Kristin Knouse and David Sabatini shown together in a selfie, taken in February 2018, two months before their friendship would include a sexual dimension. (Provided by David Sabatini.)

"She believed in me before I believed in myself," Knouse told the Globe.

Amon's widower, Johannes Weis, said in an interview that when Knouse confided in Amon about her sexual liaisons with Sabatini, his wife was angry and upset with Sabatini, whom she had long viewed as a trusted MIT colleague.

"It was abundantly clear to me that Angelika thought that this was inappropriate," Weis said, "and it was David's job not to let it happen."

As she battled cancer, Amon tried to protect Knouse, one of her top graduate students, recommending that she not file a complaint in the Whitehead system while she still worked there.

"She was very worried about Kristin," Weis said. "She offered guidance. But ultimately she knew it would have to be Kristin's decision."

Knouse, as she planned next steps, had sought advice from MIT's Ombuds office, a source of confidential counsel for MIT faculty, students, and staff; at least one Title IX lawyer; and another senior MIT professor about how she might proceed against Sabatini, according to texts and interviews.

When asked by a lab member what legal advice she got, Knouse replied by text, "i mean basically that knowledge that it becomes a question of who's more credible. he could say that he ASSURED me that i could push of his advances and that he wasn't my direct supervisor and then he just gets a small slap on the wrist."

Knouse had received advice that, to make a strong case against Sabatini, it would help to show a pattern of inappropriate behavior. Knouse began encouraging researchers she knew who had privately complained about Sabatini to speak to Whitehead authorities; some agreed and some declined.

The senior MIT professor, who knew the risks faced by women who take on powerful scientists, also later gave Knouse the name of a legal expert who could help in any protracted legal fight: former federal judge Nancy Gertner.

As Knouse texted to a friend: "hopefully in a few years time, I can look back and be like damn i fixed a whole systemic problem."

On Dec. 10, 2020, Whitehead's diversity, equity, and inclusion survey, the culture-challenging initiative launched by Lehmann, dropped in Knouse's e-mail box, as it did for more than 500 other employees at Whitehead. It offered a confidential way for Knouse and others to voice their concerns.

It would be the beginning of Sabatini's undoing.

A career on the rise, then trouble

David Sabatini was riding high at the start of 2020.

Awards and money were pouring in. He received Columbia University's Louisa Gross Horwitz Prize, often considered a precursor to the Nobel Prize because many recipients have gone on to win one. He also shared the Sjöberg Prize for significant contributions to cancer research.

Sabatini's achievements and growing renown also made him a magnet for researchers, many of whom were attracted by his high-intensity lab. They published scientific papers at a prolific pace, more than 200 since he launched his lab in 1997.

"There was a great esprit de corps in the lab," said one member who was there in the years leading up to Sabatini's fall. "It was great to be around that energy."

Sabatini's personal life was taking off as well — and he married for the second time.

He had fallen in love with Lena Pernas, the researcher based in Germany who had briefly worked in his lab. Sabatini told some in his lab that the two had a "crazy connection." He made plans to visit her overseas.

In the last days of 2020, Pernas traveled to Cambridge. On Dec. 29, she and Sabatini appeared in the Cambridge city clerk's office and married.

Pernas did not respond to a Globe request for comment.

But amid these moments of happiness, ominous clouds were building around Sabatini's lab. By early 2021, as the diversity, equity, and inclusion survey and a pair of other complaints came into HR around the same time, Lehmann and other administrators began to suspect one of Whitehead's top labs may have a toxic underside.

The first signs of trouble became clear when Jones Diversity, the firm hired by Whitehead to direct the survey, began to tally the input of 225 staffers who anonymously completed it — representing roughly 40 percent of the workforce. While most addressed Whitehead's work culture generally, three anonymous respondents singled out Sabatini.

Kristin Knouse with her mentor, MIT cell biologist Angelika Amon, at a celebration after Knouse defended her PhD thesis in the fall of 2016, four years before Amon died of ovarian cancer.

Among them was a "white male graduate student" who said that Sabatini tolerated a particular visiting scientist who routinely made sexist and racist remarks. Another of the complainants was Knouse, the Globe has confirmed, and the third was a female trainee who did not work in Sabatini's lab.

Separate from the survey, two female researchers who trained with Sabatini spoke to the human resources department in January 2021, according to the Whitehead investigative report, which kept their names anonymous. One of the women, a former postdoc, told Whitehead officials that she was not treated as a scientist, but as a "female scientist." She felt she was seen as a "potential person to date" in Sabatini's lab. She said that Sabatini, at a work retreat, asked her to "pick" between two male postdocs and was once asked by him whether she was romantically interested in his brother, Bernardo, a Harvard neuroscience professor.

The other was a former MIT graduate student who reported a "culture of competition" in the lab, but for the wrong reasons, the investigative report said. She told human resources officials that Sabatini showed more personal attention to "attractive" lab members and that female trainees deliberately "flirt a little" with Sabatini because they believe it will boost their careers.

Several other women in the Sabatini lab at the time, however, told the Globe that Sabatini never fostered a sexualized environment. "It's unequivocally not true," said one woman from the lab.

But the complaints of the two scientists to Whitehead human resources — both well-respected and more senior than Knouse — carried credibility with administrators and had legal impact. Lehmann, now faced with credible sexual harassment complaints against a named individual and the DEI survey results, was legally compelled to investigate.

Meanwhile, Jones Diversity reported its survey's findings to Whitehead leadership. It scheduled a Zoom presentation for principal investigators and fellows to explain the results on March 25, 2021.

An investigation begins

Both Sabatini and Knouse were among those on the Zoom screen, looking at slides displaying statistics and quotes.

The overall DEI results found that the "culture within the Whitehead community is not inclusive for all. Women and people of color feel significantly less included than white males."

The survey, focus groups, and interviews also documented that "the laboratory environment" was a particular area of concern. More than 30 percent said they heard "offensive language," about topics such as race, LGBTQ status, and gender, among others. The primary source of offensive language was the institute's most powerful players, its principal investigators, the survey said.

Sabatini attended the Zoom from Germany, where his new wife lived. He told the Globe he had no idea any of the survey complaints were focused on him.

Later that day, Knouse reiterated her resolve to take action against Sabatini after attending that meeting.

She texted to her friend, "i am out for blood at this point," then later added, "i'm so ready to get this over with."

Sabatini was asked to attend another Zoom meeting the next morning, with Whitehead board members Susan Hockfield, a former MIT president, and Phillip Sharp, an MIT biology professor and a 1993 Nobel Prize winner.

They informed him that several respondents in the survey had singled out his lab. They said Whitehead would launch an investigation into him and his lab.

Sabatini replied that he always offered help to people who felt aggrieved and denied ever threatening to retaliate against them, according to Whitehead notes from the meeting. He said he had a strong record of supporting women.

He was shocked by what he heard, Sabatini told the Globe. He was hearing about some of the complaints for the first time and had never imagined that some of the banter in the lab would lead to a large-scale investigation.

Hockfield and Sharp did not respond to requests for comment.

Meanwhile, Lehmann, early in her tenure at Whitehead, was facing a nightmarish personnel crisis around one of the institute's most prominent scientists who brought in massive research dollars.

She wrote to Sabatini outlining the concerns raised by "the survey and other sources." She said outside investigators would seek to interview members of his lab or others who may have helpful information.

And, in what would prove to be a test of whether she could trust him, she explicitly ordered him not to try to interfere with the investigation in any way.

"We strongly advise you to refrain from asking anyone in your lab whether they have met with the investigator, plan to do so or the content of what they communicated," Lehmann wrote. "Failure to abide by these strong recommendations will be considered a serious breach of trust."

About six weeks later, an official from one of Sabatini's principal funders, the Howard Hughes Medical Institute, notified Sabatini they had been informed that the Whitehead probe also included sexual misconduct and harassment allegations.

The complaints of Knouse — and others — had been heard.

The escalation

Many powerful figures in Sabatini's situation might have responded to such a potentially career-destroying crisis with contrition and humility. And some institutions, faced with accusations about an accomplished longtime employee, might have sought or negotiated a compromise disciplinary path.

In this case, neither Sabatini nor Whitehead opted for moderation.

Sabatini told the Globe that his lab had developed a vibrant culture and that he felt no need for apologies.

Lehmann would not comment on whether Whitehead leadership had considered a less confrontational legal option — anything short of a full investigation by a law firm.

The probe stretched over five months. The law firm hired by Whitehead, Hinckley Allen, assigned three lawyers to investigate the culture of the lab and Sabatini's leadership. The lawyers interviewed more than 40 people and collected more than one million records, in-

Continued on next page

DIEU-NALIO CHÉRY/THE NEW YORK TIMES/FILE

Graduate students, faculty, and alumni from New York University's Grossman School of Medicine participated in a walkout in April 2022 to protest news that the school was seriously considering hiring David Sabatini.

Continued from preceding page

cluding e-mails, texts, and Slack messages, pulled from Whitehead's IT system.

Sabatini said his sense of alarm began to grow about a week after the probe began. Though Lehmann had told him not to speak to lab members about the investigation, he did have conversations with some employees and learned that lawyers had asked tough questions that seemed aimed at him.

Sabatini also had to know that something he had kept secret — the fact of his past sexual relationship with Knouse — could blow up at any time with potentially damaging consequences. Such a relationship was strictly barred under Whitehead policies, and of course he knew that, too.

That Knouse might reveal the secret could not have surprised Sabatini. The space between Knouse and Sabatini had grown hostile since the investigation began, as she had virtually stopped talking to him and moved her lab office — previously next to Sabatini's — to a different floor.

But if there was any doubt in his mind, it likely evaporated shortly after the probe began. Two of the top litigators in the city, Gertner, the former federal judge, and Ellen Zucker, a high-powered lawyer who handles many employment cases, notified Sabatini that they had been retained by Knouse and might be filing a potential harassment and retaliation case after the Whitehead investigation was over.

With the lawyers on board, Whitehead and MIT were also put on notice; the stakes had been exponentially raised.

But even then, Sabatini said, he did not see this for the existential threat it was. He said he banked on his own sense of what was true — and on his trust in his colleagues to put the complaints in proper perspective.

"I had a feeling that, OK, this is my home," he said, of Whitehead, during a Globe interview. "I've been here forever. I've done lots of good and this will be fine."

He said he asked to speak to Lehmann as the investigation began, but Lehmann declined, saying she wanted to let the investigation play out.

Sabatini soon hired Cambridge lawyer Todd Bennett to advise him.

Morale inside the lab plummeted. A number of former lab members who were questioned in the investigation told the Globe that they left their interviews shell-shocked by the aggressive tone of the questions they were asked.

"It felt like the lawyers came with a thesis already made," said one former lab member.

A Whitehead staff member said several Sabatini lab members confided in him, saying they felt "they would be personally in trouble if they didn't give the answer these lawyers were looking for."

"A couple of people said they wrote to Ruth [Lehmann] to say it was a manipulated process, and they felt harmed by it," he said.

Lehmann acknowledged that some lab members raised concerns about the Hinckley investigation, and she was later assured, after speaking to the investigators, that they were making every effort to "minimize stress" in the lab.

Investigators interviewed Sabatini three times, Knouse twice. In the first of those sessions, she revealed her sexual interactions with Sabatini; it was the first time investigators said they learned of the liaisons. When they later questioned Sabatini about this revelation, he then admitted that he took part in it and depicted it as a consensual relationship between colleagues.

Meanwhile, even though ordered by Lehmann not to interfere with the investigation, Sabatini did more than just speak to some lab members. He also acknowledged to the Globe he showed several of them a sample of the texts Knouse had sent him in early 2020 when she wrote of wanting a deeper relationship with him.

Sabatini insisted to the Globe that he did not obstruct the investigation. He said that after hearing comments from members about their interviews with investigators, he had merely asked them whether they thought the probe was really about lab culture. A former member of his lab told the Globe he believed Sabatini had reached out to other lab members out of concern, after being told that some were "freaking out."

The investigators submitted the report to Whitehead executives on Friday, Aug. 13, 2021, and then to the Howard Hughes Medical Institute and MIT.

A scathing report

The investigative report resounded like a thunderclap. It stretched over 248 pages and painted a scathing portrait of Sabatini. There were only a limited number of positive references to him, citing his scientific brilliance and leadership of an intense, hard-charging lab bent on breakthrough findings. Investigators noted that the vast majority of lab members did not complain and that negative experiences were confined to a smaller number of lab members, among them "females and diverse members."

Whitehead DEI survey results

31%

Percentage of survey respondents who said, in the past three years, they have heard someone at work make offensive comments involving issues such as race, age, weight, LGBTQ status, and gender.

28%

Percentage of people of color who felt they "need to hide a part of their identity" to assimilate at Whitehead, about twice that of white respondents.

54%

Percentage of administrative and support staff who said they felt comfortable reporting offensive comments to leadership, but only 11 percent of scientific researchers felt the same, suggesting a more tenuous connection to the institution.

SOURCE: Whitehead Institute and Jones Diversity, which conducted the DEI survey.

Still, in the main, it was an unrelentingly negative depiction of Sabatini as a man who acted as if the rules didn't apply to him. It cited Sabatini for enabling — and participating in — a gossip-filled environment with uncomfortable sexual overtones, and included specific examples.

High up in the report, they accused him of obstruction, for engaging with lab members in violation of Lehmann's directive, and there was also the critical question of Sabatini's credibility. It is a sphere in which they deemed him wanting. He was depicted in the report as "not credible" during his three interviews, even when presented with texts or other information to contradict his accounts.

For instance, according to investigators, Sabatini allegedly denied making a comment about preferring European women to American women because they talked more freely about sex, but was later presented with e-mails or texts suggesting he had.

Sabatini later would tell the Globe that investigators had asked him about incidents in the past that he simply couldn't immediately recall.

It was clear that in the credibility contest between Sabatini and Knouse, the investigators overall believed Knouse. They also said they did not think she was motivated as a spurned lover to speak out.

Investigators said they did not find that Knouse had disclosed her sexual relationship with Sabatini to damage his reputation. They said they believed that "she felt trapped and obligated to Sabatini because he was her Fellow mentor and senior scientist."

Investigators, for example, found credible Knouse's assertion that it was Sabatini who was the initiator of almost all their proposed or actual sexual encounters. And that she was pressured to have sex with him in the fall of 2018 when she was a fellow on her first Whitehead retreat in New Hampshire. Sabatini admitted they had sex once at that retreat, at least several months after their first encounter, but told investigators that Knouse initiated it, and subsequent texts turned over to investigators represented their efforts to arrange for it. He also said that she never expressed misgivings.

Knouse produced texts showing he requested sex three times beginning before the retreat when he inquired of her, "Maybe a discrete consult in NH?" She also shared a text showing she told him she was reluctant to go along, citing "(a)ggressive policies, pre-existing target on my back, residence at the bottom of the food chain, and rooming with other fellows leaves so little room."

The investigators reviewed many texts between the two, but not nearly all of them. Sabatini turned over all of his after the end of 2019, that is, after the sexual liaisons were over. He said prior texts were on another phone he no longer has. Knouse turned over a selection of her texts from the whole span of her relationship with Sabatini, focused on those that support her version of events.

Knouse had also told them of seemingly contradictory emotions about Sabatini, sometimes apparently wanting more from him, other times complaining about being exploited.

She "stated that her comments reflected her mixed and complex feelings for Sabatini at that time. (Knouse) told investigators that part of her wanted to be in a real, not simply sexual relationship with Sabatini, but that … she knew that the ongoing sexual relationship with Sabatini had been the source of her deep mental health struggles, lack of productivity, and unhappiness."

The report details the starkly diverging narratives from Knouse and Sabatini about what led them to have sex for the first time April 18, 2018, in Sabatini's hotel room at Maryland's Rockville Hotel after a night of drinking and dinner at a restaurant in Washington D.C.

According to Knouse, she was coaxed that night to lie on the bed next to him, even as she told him that this was a bad idea. When she recounted the reasons, including professional ones, she said he got angry and impatient. She said she felt she could not say no to him because of his stature in the field, and potential influence on her career, and eventually yielded to having sex. She said that she continued to acquiesce and have sex with him on other occasions, but that her mind was full of mixed feelings.

According to Sabatini, the entire sexual encounter was mutual from the start, and he had no recollection of her protesting for any reason.

He has told the Globe that he had considered Knouse a good friend. He said he believed that Knouse, a woman in her early 30s who now ran her own lab, would have been comfortable saying no if she didn't want to have sex with him and that he would have respected that.

The investigators made no findings on whether the relationship was consensual, saying it was not part of their mandate. But the investigators said Sabatini and Knouse both violated Whitehead policies barring all principal investigators from having a romantic or sexual relationship with any Whitehead employee, even of the same high level. They did note that Sabatini was a more significant offender because of the status difference between them. He was a tenured faculty member 20 years her senior who still held some official "mentor" roles in her professional career.

In conclusion, the investigators placed Sabatini at the center of the blame, writing: "These findings, in the aggregate, portray a high-achieving but troubled laboratory led by a brilliant but personally flawed and immature scientist whose management of a diverse, talented and vulnerable workforce is inconsistent, arbitrary and, at times, lacking in professionalism and social awareness."

A rapid-fire ending

Sabatini received the report on Aug. 19, 2021, about six days after it was first released to Whitehead. Within a day of his receiving it, Sabatini's career imploded.

He told the Globe that he was stunned by the harsh judgments of the report, believing that after 24 years running one of the top labs at Whitehead, he would be given a chance to defend himself against the report's conclusions.

He was given opportunities to meet with his superiors, but Sabatini saw them as formalities, not a credible offer to hear his side.

He was out within a day — beyond warp speed in the world of academic discipline.

Hours after receiving the report, Sabatini got an e-mail from Erin O'Shea, president of the Howard Hughes Medical Institute, asking him to be part of a meeting the next day, on Aug. 20, at 1 p.m. Lehmann was also scheduled to be part of the same scheduled meeting.

That morning around 10:30, the Whitehead board of directors voted to empower a subcommittee of seven members to rule on Lehmann's conclusion about what should happen with Sabatini. That panel voted unanimously "to affirm the recommendation of the President to terminate David Sabatini as a Member of the Institute on Aug. 20, 2021 unless her recommendation changes."

The subcommittee included not just Lehmann, Hockfield, and Sharp, but three prominent members of the business community and MIT economic professor Paul Joskow.

Sabatini told the Globe he learned from his lawyer he was going to be fired at the 1 p.m. meeting. Lehmann, though, told the Globe the purpose of the meeting was "to hear David's side of the story." She added, "He could have asked for the opportunity to provide further information."

But Sabatini did not show up at the meeting. Around 11:50 a.m., he sent separate e-mails to Lehmann and O'Shea, saying he was resigning. Lehmann e-mailed back and accepted his resignation.

But O'Shea rejected his resignation and fired him instead, saying in a letter that it was "for cause" and "due to violations of Whitehead Institute and HHMI policies, practices and principles."

Meanwhile, officials at MIT informed Sabatini that they had received the Whitehead report and that he was being put on unpaid administrative leave while administrators reviewed next steps, including whether to revoke his tenure.

"The report raises very serious concerns about sexual and workplace harassment," wrote Nergis Mavalvala, MIT's dean of science, in a letter to the biology faculty.

The news threw the Sabatini lab on the sixth floor of the Whitehead Institute into total chaos, as lab members scrambled to save their research projects and figure out if they had a job anymore.

This place where lab experiments once hummed, where scientists hoped to break new ground and find cures for cancer, diabetes, and Parkinson's, went quiet.

Lawsuits, but new hopes

Sabatini's paychecks stopped. His mail slot was stuffed daily with notices from organizations cutting ties with him. He learned that his membership in the National Academy of Sciences was being reviewed in light of the allegations.

Sabatini hired prominent Boston litigator Lisa Arrowood to help set the record straight, at least as he saw it. He felt his only recourse for a fair hearing was in the courts. In October 2021, Sabatini filed a civil defamation lawsuit in state court, depicting Knouse and Lehmann as conspiring to bring him down and using the DEI survey as a pretext.

"My life was 100 percent destroyed," he told the Globe. "This disrupted the lives of … all my family members. … My father will die before this is cleared up. So how am I supposed to get my life back other than to get the truth out there?"

Knouse later filed a countersuit, alleging sexual harassment and retaliation.

On social media, people in and outside academia either railed against Sabatini or fiercely defended him.

He saw support from some prominent academics who questioned his treatment by Whitehead. The former dean of Harvard Medical School, Jeffrey Flier, asked on Twitter, shortly after Sabatini's ousting, if Sabatini had received a fair hearing. Harvey Lodish, one of the founding members of Whitehead, told the Globe he believed Sabatini's punishment was too extreme.

Then, a number of weeks after the scandal exploded, in the fall of 2021, Sabatini had a welcome phone conversation with a friend that led him to think, perhaps, his future as a scientist wasn't totally destroyed.

She was Dafna Bar-Sagi, executive vice president of NYU Langone Health, an aca-

demic medical center in Manhattan, and a cancer researcher who knows Sabatini's father, a former head of the cell biology department at NYU's medical school.

After hearing Sabatini out, Bar-Sagi thought the public version of the Sabatini story was, at the very least, incomplete. She cared about the treatment and advancement of women in science, and also knew from experience that relationships and lab culture issues can be complex. "I just felt that maybe there is more to the story than meets the eye," she said in an interview.

Given Sabatini's scientific skill, she said she believed he could be valuable at NYU, but only if leadership at the school felt comfortable after reviewing the allegations.

Sabatini arranged through lawyers to provide NYU with Whitehead's confidential investigative report, letters, texts, and e-mails.

In the coming months, NYU's vetting of Sabatini fell largely to Bar-Sagi, two other top female executives, and an outside law firm. Bar-Sagi said she began by speaking to some former Sabatini trainees, as well as professional colleagues who knew Sabatini and his mentees. She said she came to think that the depiction of Sabatini's lab as having a "toxic" atmosphere was wrong.

The team also thought the penalty applied to Sabatini was out of proportion, based on their preliminary review.

They brought their initial findings to Ken Langone, chair of NYU Langone Health.

"In our opinion, due process had not applied," Langone told the Globe. "We weren't ready to make a deal with him, but we felt he was an outstanding talent and hadn't done anything that would prohibit our interest in him."

It was a head-snapping turn of events: Top scientists at another leading research institution had reviewed the case and reached a much more forgiving conclusion, one that gave Sabatini a chance to salvage his career.

NYU was considering offering him a nontenured position for a trial period, with an outclause so the school could freely dismiss Sabatini if more derogatory information surfaced.

Opinion was not unanimous among the school's top leaders. Some NYU faculty did not want to be second-guessing the prestigious Whitehead Institute, Howard Hughes Medical Institute, and MIT. University president Andrew Hamilton strongly recommended against bringing Sabatini on board, clearly an important voice in the controversy.

On March 1, 2022, Sabatini took a train to Manhattan. He had been invited to a formal dinner thrown by the Pershing Square foundation, a charity that provides grants to young researchers. Sabatini had done volunteer work for the foundation, one of the few groups that did not cut ties with him after the scandal.

When the cofounder of the foundation, billionaire philanthropist Bill Ackman, rose to offer some remarks, something surprising happened: Ackman spoke to the audience about the presumption of innocence, and David Sabatini.

Imagine if it were you, Ackman urged the crowd. Imagine if someone accused you and your career was over and there was no due process or chance to defend yourself.

When Ackman finished, people around the room began talking — talking about Sabatini. Word apparently spread that NYU was interested in him. By the end of April, the news reached Science magazine, which broke the story that NYU was in discussions with Sabatini over a faculty position.

PAT GREENHOUSE/GLOBE STAFF

Kristin Knouse appeared at a Suffolk Superior Court hearing in December during which her lawyers sought to dismiss David Sabatini's defamation case against her, and his lawyers also sought to dismiss her counterclaim for sexual harassment. Sabatini did not appear in court that day and the judge has issued no decision yet.

The backlash on campus built quickly.

In late April, some 200 students and faculty from NYU's Grossman School of Medicine poured into the streets in a high-profile demonstration against the school's interest in Sabatini.

They held handmade signs: "Say No to Sabatini," and "Students Against Sabatini!"

Hundreds of students and faculty members signed a petition to "collectively condemn NYU for the immense harm already done by even considering Sabatini's employment."

Several dozen of Sabatini's former mentees tried to help his cause by endorsing a letter praising Sabatini and his lab's culture, but the signees remained anonymous, for fear of career reprisals. In any case, the letter was overshadowed by the tsunami of opposition.

It was quickly obvious to NYU officials that hiring Sabatini was impossible in the face of such controversy and division.

Sabatini's hopes for a second chance evaporated.

Epilogue

Today, all seven floors of Whitehead's red brick building are humming again. Lehmann, now past her second year as the head of Whitehead and a faculty member with her own lab, says she has pushed for new hires and better communication channels with nearby research institutes. She also speaks of a renewed focus, and action plans, to foster "an inclusive, respectful, and diverse culture that inspires individuals to achieve their full potential."

But some things haven't changed.

Whitehead has added no formal management training, or made other institution-wide changes, that would prevent the emergence of over-powerful principal investigators. While Whitehead did implement additional antiharassment training, its rules regarding consensual workplace relationships still do not provide potential violators with a way to disclose a relationship and still keep their jobs.

But Lehmann insisted significant change is well underway. She has crafted Whitehead's values statement and said Whitehead also adopted Jones Diversity's recommendations, including for DEI training. And she said she strives for these cultural changes, while also aiming to hire the very best scientists.

Knouse resigned from Whitehead in June 2021, a couple months before the investigative report was released. She now runs her own lab inside the Koch Institute for Integrative Cancer Research and is also an assistant MIT biology professor.

But life over the past year has been far from easy. She has been the target of relentless attacks on Twitter as the woman who took down Sabatini. Some of the top responses to Google searches about her are about this scandal, not her science. "With every first interaction I have with someone," she told the Globe, "I have to think about what they've read about me."

"This hurts so much," she said in an interview during which she wept periodically.

Still, she works hard not to let the controversy or the ongoing court cases distract her from lab work. In November, she published a paper in Cell Genomics about her lab's development of a novel technology that will allow researchers to investigate the function of every gene in a living mammal.

Sabatini is still looking for a way to pursue his passion for scientific discovery. He jumps at the chance to talk science when his former lab members reach out. They often do, but not enough to fill all his time.

He has fielded some job interest from scientific organizations interested in buying low on a distressed asset. Some are outside the United States, opportunities that are hard to consider with his son living in Cambridge.

"I would like to run a lab again," he said.

The ways his life has changed for the worse since the scandal are practically endless, he said. But some change is for the better. He said he has grown more empathetic and he is more appreciative of true friends than ever.

His marriage to Pernas did not survive. They separated in mid-2021, before the investigative report came out, and then divorced. He said they are still friends.

One warm afternoon last summer, Sabatini sat on a bench near a fountain in a small park near his home in Cambridge, and talked longingly about the thrilling science he used to do.

While he spoke, a small gray bird, a catbird, perhaps, somehow became trapped in the fountain. It beat its delicate wings against the water but could only circle the pool, like something going down the drain.

"That bird is going to drown if we don't save it," Sabatini said. He knelt at the edge of the pool, gently scooped up the bird in his cupped hands, and set it on the ground.

He said nothing, just watched the bird hop away, free.

To reach the Spotlight Team staff members who worked on this piece, please write to spotlight@globe.com or call 617-929-7483 or contact them individually at mark.arsenault@globe.com, meghan.irons@globe.com, and patricia.wen@globe.com.

CRAIG F. WALKER/GLOBE STAFF

David Sabatini sat on the doorsteps at his home in Cambridge last September.

INBOX

The gas stove: everyday appliance or looming threat?

If only she'd known about asthma risk when her child was young

Recent research showing that gas stoves contribute to childhood asthma is alarming. As someone whose child suffered from asthma in his early years, I wish I'd known about this risk when he was young and sometimes struggled to breathe. I would have ditched the gas stove in a heartbeat.

Recently, a move into a condo building without gas hookups forced us to switch to an efficient conduction stove. We discovered the following: It's easy to keep the stove top clean, there are no noxious fumes to threaten anyone's health, it plays a small part in our efforts to combat climate change, and our grandkids breathe cleaner air when they visit.

Cooking on the new stove was fine, with one exception: preparing rice. After a few scorched attempts, we learned what cooks around the world have known for years: an electric rice cooker yields perfect, fluffy rice every time.

Which is more important: sticking to an old, dangerous habit or protecting the health of our children and the planet?

LIZA KETCHUM
Watertown

Yet another peril added to the list? He'll keep his gas stove, thank you.

Re "Gas stoves and the health of the planet — and of cooks: Taking a look behind what has ignited a cultural conniption" (Page A1, Jan. 23): OK, so what else is killing us now that gas stoves have been added to the list? When are these greenhouse people going to stop?

There has been a gas stove in my home all my life. The same is true for most of my family and friends. And, as far as I know, no one has ever had asthma or any other related illnesses. Gas is more efficient and less expensive than electric and much better to cook with.

JIM MCLAUGHLIN
North Woodstock, N.H.

Statistics can be misleading — just what kind of impact are we talking?

While the article "Gas stoves and the health of the planet — and of cooks" provided important information on the potential health risks of gas stoves, it unfortunately presented some statistics in a misleading manner by not putting the numbers in context.

Saying that the yearly emission of gas stoves is equivalent to the methane emissions of 500,000 cars certainly sounds significant — until you consider that 500,000 cars is only about 0.2 percent of the more than 289 million vehicles in the United States.

So, reducing the number of cars in the United States by only 1 percent would have a methane-reducing impact more than 5 times that of eliminating all gas stoves in this country.

The point here is that numbers are often presented without context. Readers beware.

KENNETH S. LOVEDAY
Brookline

He'll let his 'woke' flag fly

What really is "woke"? Am I "woke"?

I've been thinking about this for quite a while now, reading definitions, trying to understand how "woke" is used in accusations, sentences, and adjectives.

I think Yvonne Abraham's column "Gasbags of the GOP" (Metro, Jan. 22) helped me understand the implied meaning of the word. When we become aware that, say, gas stoves or assault rifles or anything that is based on empirical scientific data may be bad for us, that is "woke."

It appears to me that anything that has to do with common sense, protecting the environment, protecting ourselves from the worst of us, or telling the truth about who we are as a country and people is "woke."

I guess I'm waking up to "woke."

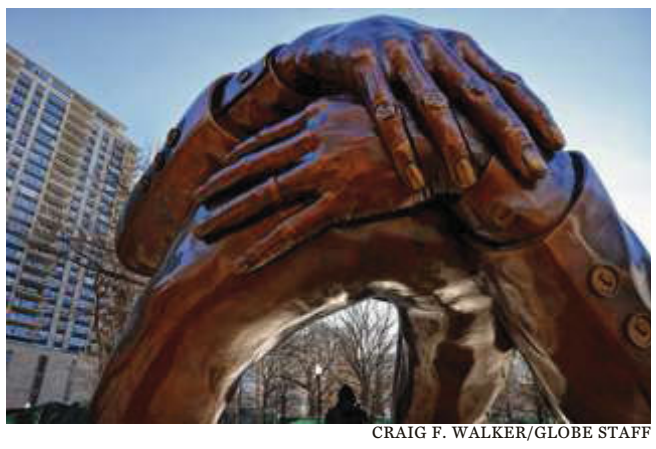
DAVID TRAINOR
Manchester-by-the-Sea

Give 'The Embrace' a little time

Not yet embracing "The Embrace"? Give it a minute. We need only look at the Citgo sign looming over Kenmore Square to see that what ultimately wins Boston's affection may be simply what's here long enough to become part of the landscape.

ELLEN STEINBAUM
Boston

JIM DAVIS/GLOBE STAFF



CRAIG F. WALKER/GLOBE STAFF

Opinion

BOSTONGLOBE.COM/OPINION

EDITORIAL

Maura Healey wants to solve the state's housing crisis. Here's step one.

How do you solve a housing crisis? Because by nearly any measure, Massachusetts is in the midst of one. The average home price in the Commonwealth is a whopping $535,000, with prices in Greater Boston much higher. Renters haven't fared any better; by some measures the city has edged out San Francisco to become the nation's second-most expensive rental market.

Housing isn't the only driver of the state's stratospheric cost of living — Massachusetts also has some of the highest energy prices in the nation and the nation's highest child care prices — but the cost of housing has especially pernicious ripple effects. High prices scare workers and businesses away from relocating here, and they put gentrification pressure on low-income neighborhoods.

The basic solution is simple: build more housing, in line with the economic theory that increased supply will bring down the cost of buying or renting.

The state doesn't generally build houses itself. But it can create the conditions for more housing construction to happen by offering subsidies and incentives, pressuring communities to accept more construction, and, if necessary, reducing the power of local officials to thwart development.

> It's going to take patience and persistence to chip away at a housing shortage that has been several decades in the making.

Governor Maura Healey kicked off her administration with a promise to tackle the housing crisis. Luckily for her, she inherited two important tools from the administration of former governor Charlie Baker. One allows municipalities to make zoning changes by a simple majority of a city or town's governing body. The other — the so-called MBTA Communities law — requires communities served by the MBTA and commuter rail to zone for denser housing near transit systems.

The density requirement recognizes that local zoning, which in many suburbs requires single-family housing on large lots, often makes it impossible to build new homes at price points that are affordable to middle-class families.

Under the law, 175 Massachusetts cities and towns are required to submit action plans by Tuesday to tell the state how they plan to comply. It falls to the Healey administration to make sure that deadline is met and that the submitted plans are acceptable. Next, the MBTA communities have until the end of the year to put in place the zoning changes that are needed to expand housing. Commuter rail communities have until the end of 2024 to do so.

By itself, the MBTA Communities law won't solve all that ails the Massachusetts housing market. But how aggressively the new administration enforces it will be an early barometer of its willingness to confront the crisis and withstand criticism from the powerful constituencies that often stand in the way of housing growth.

Under the best of circumstances, though, it's going to take patience and persistence to chip away at a housing shortage that has been several decades in the making. According to Rachel Heller, director of Citizens' Housing and Planning Association, about 17,000 new homes a year are currently built in Massachusetts. That's half of what was built in the 1980s. "We need to produce 200,000 by the end of the decade to stabilize home prices and rent," Heller told the editorial board.

When it comes to new housing production, the Healey administration has not committed to any specific number. But the housing plan Healey outlined during the gubernatorial campaign noted that as of July 2022, Massachusetts had a shortage of 108,157 homes. Filling that gap over the next four years would mean building a little more than 25,000 new housing units per year.

The good news is that Healey understands that producing new housing is an essential part of addressing the housing crisis and that doing so is essential to the Massachusetts economy. To underscore her commitment to the overall housing cause, Healey pledged to file legislation in her first 100 days to create a secretary of housing who would report directly to the governor. She also directed the secretary of administration and finance to identify state-owned land and facilities that could be turned into rental housing or homes within one year. Healey also promised to get help to first-time homebuyers and reduce costs for renters by expanding tax deductions.

She has a good partner in Lieutenant Governor Kim Driscoll. As mayor of Salem, Driscoll served on the Salem Housing Authority and championed a variety of housing initiatives — some of which encountered community opposition. "Any time you're talking about growth, it can be a challenge," Driscoll told the editorial board. But, she said, it's all about balancing need against resistance while trying to find a middle ground that takes both into consideration. "We don't start from the premise that adding housing is a negative," said Driscoll. "That doesn't mean build anywhere, any how, any size."

That she understands the need to win hearts and minds is an advantage to the Healey administration. As Driscoll points out, the state "doesn't build housing. It's not out there with hammer and nails." It needs a variety of tools to encourage others to do it, she said, including public-private partnerships, the loosening of some regulations, and an assortment of "carrots and sticks."

With the MBTA Communities law, for example, the carrot is the technical help the state is providing to local communities to work on their action plans and zoning proposals. The stick is that a community becomes ineligible for state grant programs if the Tuesday deadline is not met. Sticks will continue to be necessary because for many of the voters who turn out in town elections or show up for local zoning meetings, skyrocketing home values are no crisis at all.

In an ideal world, more housing would reduce the pressure on the existing housing stock, which is the root cause of displacement and gentrification. Indeed, low-income tenants in triple-deckers benefit from new housing construction too; build enough new housing and the economic incentive for landlords to evict tenants and turn their homes into condos disappears.

But it will take years or decades for the market to stabilize. In the meantime, the state will need to take steps to protect those low-income renters and provide more rental assistance and subsidized rental housing. One promising approach is a local option real estate transfer tax that allows communities the option to raise funds for subsidized housing by taxing high-value property sales.

Meanwhile, housing advocates want a housing bond bill big enough to fund affordable rental and homeownership housing, special needs housing, elderly housing, and needed capital improvements to state-financed public housing. To really solve the housing crisis, said longtime housing activist Lew Finfer, "huge amounts of state dollars are needed" on the housing production and rental assistance side.

Healey's first budget will show how much more money the new governor is willing to put behind her words of support. But for now, housing activists like Heller are happy to hear those words. "This is the first time the state is saying, 'We need more homes,' " said Heller, while also saying to local communities, "We'll work with you, but we need this." "We have not had anything like that before," she added.

It is notable that Boston Mayor Michelle Wu has also made housing a priority, underscoring the breadth of the problem. But the crisis is statewide, making the role of state government paramount. This is the moment to act on that need, and Healey has inherited the tools to start to meet it.

The Boston Globe
Founded 1872

JOHN W. HENRY, *Publisher* — LINDA PIZZUTI HENRY, *Chief Executive Officer*

JAMES DAO, *Editorial Page Editor*

JASON M. TUOHEY, *Managing Editor, Digital* — JENNIFER PETER, *Managing Editor*

SENIOR DEPUTY MANAGING EDITOR
Mark S. Morrow

DEPUTY MANAGING EDITORS
Marjorie Pritchard *Editorial Page*
Veronica Chao *Living/Arts*
Anica Butler *Local News*
Brian Bergstein *Ideas*

SENIOR ASSISTANT MANAGING EDITORS
Cynthia Needham *Express Desk*
Mary Creane *Production*
Alan Wirzbicki *Editorial Page*
Heather Ciras *Audience Engagement*
Jeneé Osterheldt *Culture, Talent, & Development*

BUSINESS MANAGEMENT
Dhiraj Nayar *Chief Operating Officer & Chief Financial Officer*
Dan Krockmalnic *EVP, New Media & General Counsel*
Kayvan Salmanpour *Chief Commercial Officer*
Anthony Bonfiglio *Chief Technology Officer*
Peggy Byrd *Chief Marketing Officer*
Tom Brown *VP, Consumer Analytics*
Josh Russell *GM, Print Operations*
Michelle Micone *VP, Innovation & Strategic Initiatives*
Rodrigo Tajonar *Chief People Officer*

Charles H. Taylor *Founder & Publisher 1873-1921*
William O. Taylor *Publisher 1921-1955*
Wm. Davis Taylor *Publisher 1955-1977*
William O. Taylor *Publisher 1978-1997*
Benjamin B. Taylor *Publisher 1997-1999*
Richard H. Gilman *Publisher 1999-2006*
P. Steven Ainsley *Publisher 2006-2009*
Christopher M. Mayer *Publisher 2009-2014*
Laurence L. Winship *Editor 1955-1965*
Thomas Winship *Editor 1965-1984*

BINA VENKATARAMAN

Are you for real? The most urgent question with artificial intelligence as a new interlocutor.

Maybe, like me, you've been chatting online with someone new. He's smart, responsive, speaks multiple languages. He knows how to crack a joke and can quote Shakespeare *and* Beyonce. He'll even do your homework for you — and maybe even your job one day.

Of course, there's just one tiny problem. He might be lying to you sometimes. Or at least innocently misleading you. And you can't always tell when that's happening.

While this might be a nightmare online dating scenario, it could also be the experience you are having with ChatGPT, the large language model released by OpenAI in December to much fanfare. The charming chatbot represents a leap forward in the capacity of machines to scour the vast volumes of text written by humans that exists on the Internet and to infer relationships and knowledge to create original content — from pithy responses to your questions, to short stories in the style of Chekhov, to compelling undergraduate philosophy essays.

The progress that ChatGPT heralds in artificial intelligence is eye-popping: Algorithms are now able to generate new text that closely resembles that written by humans. The questions it raises, such as whether humans or machines will write the better tomes of the future, are downright fascinating.

But much like an alluring blind date, why not go to this party with a little vigilance and skepticism, and maybe even take a trusted friend?

It's ChatGPT's fluency and even eloquence that poses its most imminent threat — it's difficult to detect mistakes and falsehoods in text that reads like credible news and scholarly sources from people we trust, or that seems like it's coming from a personable interlocutor in conversation with us. And it's easy for people with the intention to spread lies to harness its efficiency and fluency to mislead at scale. This is why some experts warn that large language models could exponentially increase the risk of misinformation and disinformation campaigns — making it far cheaper and easier to create and spread fake scientific results, fraudulent political claims, and conspiracy theories that threaten people's lives in pandemics or imperil democratic elections.

The progress that ChatGPT heralds in artificial intelligence is eye-popping.

"ChatGPT mixes in the true and the untrue," said Gary Marcus, a prominent scientist and entrepreneur in the artificial intelligence field, noting that Russia at one point spent more than $1 million a month on troll farms that created misinformation to influence the 2016 US election. "The cost has gone to nearly zero of producing as much bullshit as you want. It's just startling what you can do with it, and it's very hard for a naive person to recognize that they are not reading a human." The capacity to quickly and cheaply create multiple linked websites with the same false claim, Marcus said, can be used to fool search engines into treating a claim as if it has many sources — and therefore should be elevated to prominence when people are searching for medical or political information, for example.

Faculty at universities and colleges are now caught trying to anticipate the potential ways ChatGPT could undermine learning, including that students can now outsource their essay writing to the chatbot and that such fraud may be difficult to detect. A world in which ChatGPT became an engine of essay generation for meeting academic milestones would certainly be a world where students robbed themselves of thinking and learning, not to mention compromised their integrity. When I was teaching op-ed writing at the Harvard Kennedy School last fall, it was apparent just how much students learn by wrestling with the writing process, refining their ideas, and revising their work iteratively.

Still, I can imagine many students will take the higher, harder road, and many teachers and school administrators will do what they can to make it hard to use these artificially intelligent systems to earn their grades. Some college faculty are already thwarting student use of ChatGPT with tactics such as making students write responses to essay questions in class without the use of their computers.

It's the rest of the world that has more to fear from the friendly bot, despite all its promise. But the situation is not hopeless. Marcus suggests online platforms and sources ought to spend more resources validating accounts that create large amounts of content. It's impossible to police every statement that appears on the Internet, but policy makers must also find a way to regulate the worst offenders of misinformation and disinformation campaigns.

And, just like when we chat with strangers, all of us are going to have to get far more skeptical about what we encounter online — and how we verify it. We need to start asking of everything we read: What do we know about the source, the motivations behind the source, and the origins? How do we know it's written by a real human? ChatGPT has primarily spurred a debate about artificial intelligence and its potential, but the most urgent public debate and public education this new technology presents is not about the artificial world and the all-knowing machines we could possibly one day create. It's about reality and how we stay grounded in it.

Bina Venkataraman is an editor-at-large for Globe Opinion.

Big Law's cancel culture

By David Lat

On the morning of June 23, the US Supreme Court issued a landmark opinion in New York State Rifle & Pistol Association v. Bruen holding that the Second Amendment protects an individual's right to carry a handgun for self-defense outside the home. You might have expected the lawyers who won the case, celebrated Supreme Court litigators Paul Clement and Erin Murphy, to receive congratulations within their firm for such a major victory.

Instead, they received walking papers. That afternoon, Clement and Murphy announced in The Wall Street Journal that they were leaving Kirkland & Ellis, the nation's highest-grossing law firm. Why? Because Kirkland presented them with an ultimatum: withdraw from representing clients in Second Amendment cases, including existing clients in ongoing representations, or withdraw from the firm.

PABLO MARTINEZ MONSIVAIS/AP

From left, Monica Mastel, John Dean, and Paul Clement were sworn in before the Senate Judiciary Committee during the final stage of the confirmation hearing for President Donald Trump's Supreme Court nominee, Brett Kavanaugh, on Capitol Hill in Washington, Sept. 7, 2018. Clement testified, "Judge Kavanaugh is enormously qualified to serve on the Nation's highest court. I am confident he will serve with distinction."

"We couldn't abandon our clients simply because their positions are unpopular in some circles," the lawyers wrote. So they left Kirkland to start their own litigation firm.

It's not just representing unpopular clients; even articulating an unpopular opinion might be a fireable offense today in the world of large law firms (aka "Big Law"). Take support for the Supreme Court's decision in Dobbs v. Jackson Women's Health Organization, which overturned Roe v. Wade and sent abortion back to the states. At least two antiabortion women partners allege — one in The Wall Street Journal and one in Original Jurisdiction, my newsletter about the legal profession — that their support for Dobbs played a major role in their being forced out of their firms.

These are not isolated incidents. Other situations have involved lawyers being criticized for expressing concerns about the transgender rights movement, clerking for judges appointed by former president Donald Trump, or working for faith-based public-interest organizations.

Of course, it's not a recent development that large law firms are overwhelmingly liberal (as reflected in, for example, their lopsided contributions to political campaigns). What's different today is not only the partisan intensity but the possibility that you might lose your job for holding the wrong views. Simply put, Big Law — the nation's largest, most prestigious, most profitable law firms, which in many ways set the norms for the rest of the legal profession — is currently seized by ideological intolerance and groupthink. (There are some exceptions — most notably Jones Day, which gained notoriety for its work on behalf of Trump.)

Some might say: So be it. A private law firm is generally free to suppress or punish opinions from its employees that it or its clients might find distasteful (consistent with specific state laws protecting employee speech and political activity). If a law firm wants to brand itself the "woke" law firm or the "MAGA" law firm, taking on only those lawyers and clients who pass its ideological litmus test, it has a free-association right under the First Amendment to do so.

This view is understandable but wrongheaded. Ideological uniformity in Big Law, whether on the right or the left, is not a good thing — not for lawyers, law firms, or the rule of law.

To successfully represent their clients, lawyers need to understand all sides of an issue, which is why research shows that ideologically diverse teams are more effective teams. If liberal or progressive lawyers are not exposed to conservative viewpoints, they will be less effective as advocates — especially when arguing before conservative courts, of which there are plenty (including the current Supreme Court).

As for the rule of law, here's what Clement and Murphy wrote in The Wall Street Journal: "Our adversarial system of justice depends on the representation of controversial clients, no matter which side has most of big law rooting for it. This is particularly true in constitutional cases. Many of our fundamental constitutional guarantees are designed to be counter majoritarian, and many have been vindicated by litigants who are deeply unpopular."

As the majority within Big Law, left-leaning lawyers might be perfectly happy to enjoy dominating their workplaces. But they should keep in mind that beyond Big Law, a "majority rules" approach to free speech can lead to terrible outcomes, including bans on everything from teaching critical race theory to the novels of Toni Morrison.

The conservatives behind these bans share the same reasoning as progressives in Big Law: If something offends us, it must be cast out. But this logic leads to nothing more than an endless cycle of dominant parties using (or abusing) their power to punish opposing opinions. Firms should instead aspire to environments in which people of radically different viewpoints can coexist in mutual toleration, respect, and maybe even admiration — for the deeply held, carefully considered views of their adversaries, even if they disagree vehemently with those views.

Turning to the practical, how can managing partners and other Big Law leaders combat this epidemic of intolerance? How can they promote ideological diversity and free expression within their organizations?

First, they should support politically diverse pro bono efforts. In the past, lawyers from large firms could be found representing both sides of contentious issues in their pro bono work, but today, there's an overwhelming imbalance in favor of the left. As Clement noted in remarks last November, about two dozen Big Law firms filed amicus briefs in support of abortion rights in Dobbs — and zero filed on the other side. If managing partners give the green light to pro bono projects in defense of, say, religious liberty — and maybe even handle some of these projects personally, as lawyers — that would send a powerful message to rank-and-file lawyers about the firm's commitment to viewpoint diversity.

Second, they should stop issuing statements weighing in on every controversy in the news, including statements condemning everything from Russia's invasion of Ukraine to the Supreme Court's decision in Dobbs. Yes, the Russian invasion of Ukraine deserves condemnation — but are law firms the ones to be doing it? Law firms are collections of lawyers — ideally, lawyers of diverse viewpoints — who have come together to practice law. They're not think tanks, editorial boards, or Hollywood celebrities, and opining on the issues of the day is not their job. But when law firms issued statements condemning Dobbs — or even gave employees the day off after the ruling came down — they sent a message about which side they were taking in the culture wars.

Finally, if law firms are going to have diversity training — which may or may not be a good thing — and if they are going to encourage lawyers to "bring their whole selves" to work, then perhaps they should have training about respectful discourse. This fall, Yale Law School, which had significant problems last year relating to free speech, redesigned its orientation for new students "to center around discussions of free expression and the importance of respectful engagement." Perhaps law firms should follow suit.

In our adversarial system of justice, part of a lawyer's job is to disagree with other lawyers. We must find our way back to the time when lawyers could disagree with each other and not disagreeably — for the sake of lawyers, the legal profession, and the rule of law.

David Lat, a lawyer, is the author of Original Jurisdiction, a newsletter about law and the legal profession.

Congress moves to take over prayer breakfast

POLITICAL NOTEBOOK

WASHINGTON — The National Prayer Breakfast, one of the most visible and longstanding events that brings religion and politics together in Washington, is splitting from the private religious group that had overseen it for decades, due to concerns the gathering had become too divisive.

The organizer and host for this year's breakfast, scheduled for Thursday, will be the National Prayer Breakfast Foundation, headed by former senator Mark Pryor, an Arkansas Democrat.

Senator Chris Coons, a regular participant and chairman of the Senate ethics committee, said the move was prompted in part by concerns in recent years that members of Congress did not know important details about the larger multiday gathering.

Coons, a Delaware Democrat, said that in the past, he and Senator James Lankford of Oklahoma, a Republican and the committee's vice chairman, had questions about who was invited and how money was being raised.

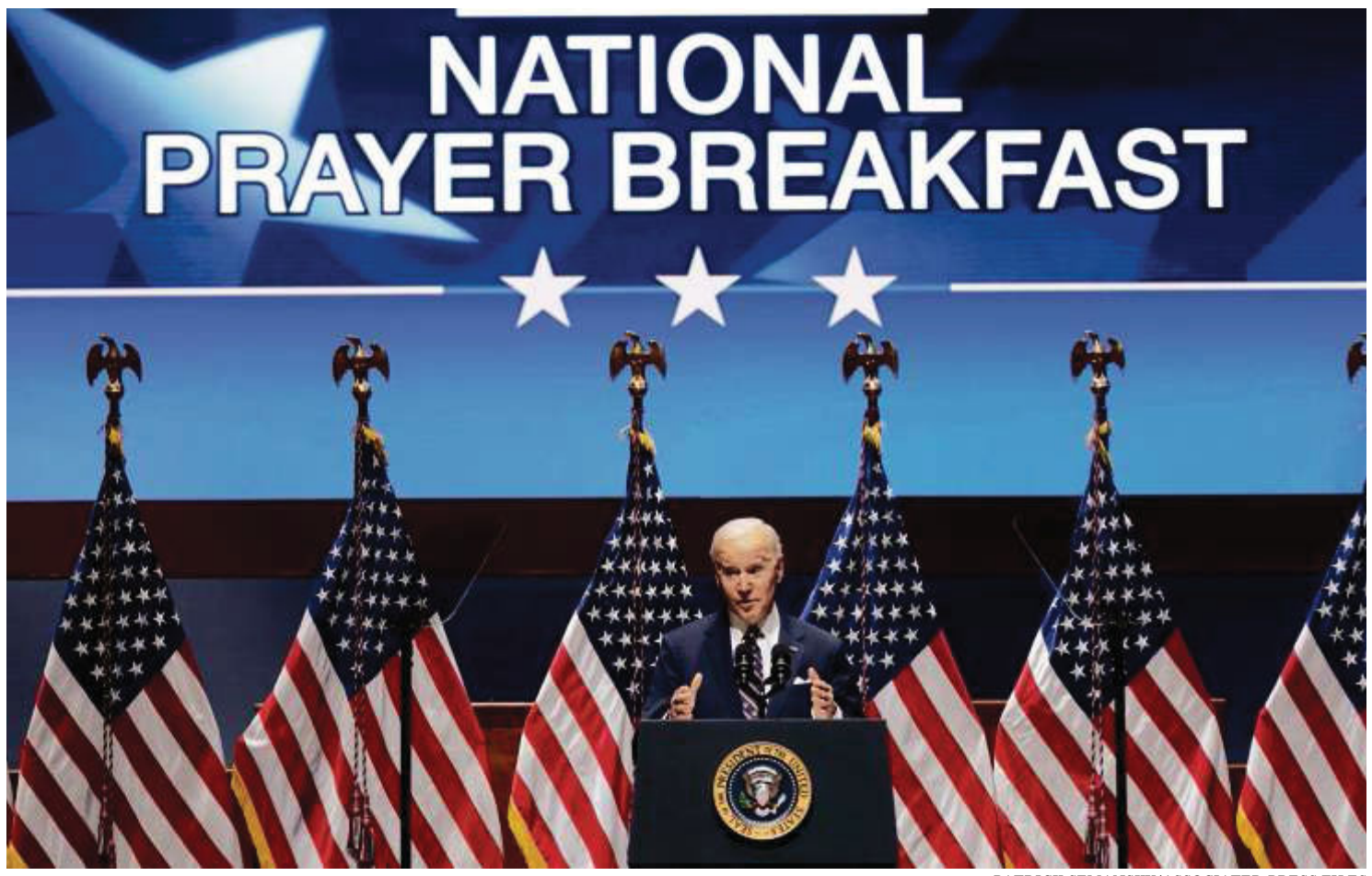
The annual event "went on several days, had thousands of people attending, and a very large and somewhat complex organization," Coons said in an interview. "Some questions had been raised about our ability as members of Congress to say that we knew exactly how it was being organized, who was being invited, how it was being funded. Many of us who'd been in leadership roles really couldn't answer those questions."

That led to lawmakers deciding to take over organizing for the prayer breakfast itself.

Pryor, president of the new foundation, said the COVID-19 shutdown gave members a chance to "reset" the breakfast and return it to its origins, a change he said had been discussed for years.

"The whole reason the House and Senate wanted to do this was to return it to its roots, when House members and Senate members can come together and pray for the president, pray for his family and administration, pray for our government, the world," Pryor said.

Pryor said members of Congress, the president, vice president, and other administration officials and their guests are invited to Thursday's prayer breakfast, which will be held at the visitors' center at the Capitol. He anticipated between 200 and 300 people would attend.



PATRICK SEMANSKY/ASSOCIATED PRESS FILES

The organizer and host for this year's prayer breakfast will be the National Prayer Breakfast Foundation, headed by former senator Mark Pryor, an Arkansas Democrat. Above, President Biden spoke at the event on Capitol Hill in February 2022.

Pryor said he hoped the smaller event will regain the intimacy that is similar to the weekly nondenominational prayer gatherings on Capitol Hill. Groups of senators and representatives have long held unofficial meetings for fellowship and to temporarily set aside political differences.

ASSOCIATED PRESS

House Republican warns of pending conflict with China

Days after a four-star general in the Air Force predicted the United States could be at war with China in two years, the chairman of the House Foreign Affairs Committee said Sunday he agreed with that assessment.

"I hope he's wrong as well, but I think he's right though, unfortunately," said Representative Michael McCaul, a Texas Republican, during an interview on "Fox News Sunday."

On Friday, General Michael A. Minihan sent a memo to officers he commands warning about a fight with China. "I hope I am wrong. My gut tells me we will fight in 2025," he wrote in the memo, which was dated Feb. 1 but has already been distributed to his subordinates.

McCaul said Sunday that China is looking to take control of Taiwan, whose independence it does not recognize. First, China will try to influence the elections in Taiwan next year, McCaul said. If that influence effort fails, McCaul said, "they are going to look at a military invasion, in my judgment. And we have to be prepared for this."

WASHINGTON POST

DeSantis trustees may try to alter progressive college

SARASOTA, Fla. — "Your education. Your way. Be original. Be you."

That's how New College of Florida describes its approach to higher education in an admission brochure. The state school of fewer than 1,000 students nestled along Sarasota Bay has long been known for its progressive thought and creative course offerings that don't use traditional grades.

The school, founded in 1960, is also a haven for marginalized students, especially from the LGBTQ community, said second-year student Sam Sharf in a recent interview on campus.

To Sharf and others, New College's reputation as a haven for originality and individualized coursework is now threatened. Governor Ron DeSantis recently appointed six new trustees who intend to turn the school into a classical liberal arts school modeled after conservative favorite Hillsdale College in Michigan.

One new trustee, Manhattan Institute senior fellow Christopher Rufo, said in a column on his website that the governor wants the group to accomplish what he calls "institutional recapture," which would move New College away from such things as diversity, equity, and inclusion programs and teaching of critical race theory, which is the idea that racism is enmeshed in US society.

Students such as Sharf and New College faculty have begun to push back, organizing meetings to plan strategy and issuing statements against the conservative takeover.

ASSOCIATED PRESS

Classified docs probe pushes think tank into spotlight

WASHINGTON — As Joe Biden contemplated his next move in 2017 after decades in government, he considered a familiar path: creating a Washington-based think tank to focus on international affairs and diplomacy. It proved an easy sell and a lucrative one, too.

Soft landings in the capital are common for officials with a résumé like Biden's, and the Penn Biden Center for Diplomacy and Global Engagement was born, with a grand view of the Capitol.

The former vice president brought with him trusted staff and boxes of files.

Now, a small batch of those files is at the center of controversy because some were classified documents that Biden had no right to retain.

The gloss of Ivy League academia and high-minded ambitions has been dulled by this month's disclosure that the sensitive documents were found last fall in a locked closet as Biden lawyers were packing up his former office at the center. That discovery is posing a test for Biden just as he is contemplating a 2024 reelection campaign.

ASSOCIATED PRESS

Iowa Democrats pick a new state leader

DES MOINES — Iowa Democrats chose an unsuccessful Congressional candidate to lead their state party as they grapple with a series of election losses and an effort from the national party to take away its first-in-the-nation status in the presidential race.

Rita Hart, the former state senator who lost a 2020 US House race by just a handful of votes, was chosen Saturday over two other candidates

ASSOCIATED PRESS

West Bank a tinderbox as US diplomat set to visit

▶ISRAEL
Continued from Page A1

tlements, which could further inflame an already volatile situation.

In Masafer Yatta, in the south, settlers assaulted a Palestinian man; in two villages near Ramallah, masked attackers torched a house and a car and threw stones; in Nablus, settlers uprooted nearly 200 trees.

Outside the northern village of Akraba, dozens of settlers established a new, unauthorized outpost. They attacked the Palestinian landowners who arrived at the scene, then injured a medic who came to assist, according to Yesh Din, an Israeli human rights group. The Israeli military did not intervene, the report added.

There has been an "unprecedented increase in the frequency of terror attacks against Palestinian citizens and their property," said Ghassan Daghlas, a Palestinian official.

Early Sunday, Israeli security forces blocked access to the family home of the Palestinian gunman in the synagogue attack in East Jerusalem, sealing doors and windows. Authorities promised that the house would soon be demolished.

The shooter, who was killed at the scene, has been identified as 21-year-old Khairi Alqam. Alqam was named after his grandfather, who was fatally stabbed in 1998, allegedly by a Jewish attacker who was arrested but never charged with the crime, the Israeli news site Ynet reported.

As Israeli security forces stood guard Sunday outside the four-story home, which housed several generations of his family, neighbors gathered. One man, Abu Jamal, a 50-year-old electrician, wondered aloud how the Israelis would move bulldozers into the area to demolish such a large structure.

Abu Jamal said the atmosphere in Palestinian neighborhoods of East Jerusalem was incendiary. "This new government is a radical government," he said. "They will keep putting more and more and more pressure on us — until we explode." He made a popping noise and pointed to his head.

At an emergency Cabinet meeting Saturday night, Prime Minister Benjamin Netanyahu said: "Our response will be strong, fast and accurate. Whoever tries to hurt us, we will harm them and anyone who helps them."

AHMAD GHARABLI/AFP VIA GETTY IMAGES

Israeli soldiers arrived Sunday at the East Jerusalem home of the Arab gunman who killed seven people in a Friday attack.

Though Israeli police believe Alqam acted alone, they have arrested at least 42 people in connection with the shooting, including members of his immediate family. Security forces have fanned out across East Jerusalem and the West Bank.

On Saturday, another attack took place at an Israeli settlement in East Jerusalem just outside the walls of the Old City, when a 13-year-old Palestinian from a nearby neighborhood shot and wounded two Israelis. The boy was captured by an armed civilian at the scene, according to Israeli police.

Netanyahu's new government is the most right-wing in Israeli history, an alliance of settler activists, religious conservatives, and hard-line nationalists who say that past actions to counter Palestinian violence have not been harsh enough.

After the shooting rampage outside the synagogue, Israeli authorities announced new anti-terrorism proposals and a loosening of restrictions on civilian gun ownership, stopping short of ordering military strikes.

At a government meeting Sunday, far-right National Security Minister Itamar Ben Gvir demanded that in exchange for the seven killed on Friday, the government should, within seven days, authorize seven illegal settlements in the West Bank, according to Israel's Channel 12 News.

The latest outburst of violence began Thursday during an early-morning Israeli raid on the Jenin refugee camp, the deadliest operation in two decades, Palestinian officials said. Another Palestinian man, 24-year-old Omar Tareq Saadi, died Sunday from injuries sustained during the raid, bringing the death toll to 10.

Israeli raids in the West Bank have escalated dramatically over the past year, making 2022 the deadliest for Palestinians there since the United Nations began systematically tracking deaths in 2005. A least 30 Palestinians have already been killed this year, according to the Palestinian Health Ministry.

The violence coincides with prearranged visits to the region by US officials, who have for weeks been warning of an escalation of the Israeli-Palestinian conflict. Secretary of State Antony Blinken's scheduled visit Monday and Tuesday will include meetings with Netanyahu in Israel and Palestinian Authority President Mahmoud Abbas in the West Bank, the State Department said.

US administration officials have scrambled to figure out how to avoid dealing directly with far-right Israeli ministers, including Ben Gvir, who has been convicted multiple times for inciting anti-Arab hatred and who rose from the political fringes to national security minister with promises to enforce the death penalty for Palestinian terrorists and enable Israeli soldiers to shoot at rock-throwing Palestinians.

On Sunday, Israeli forces demolished a house in the East Jerusalem neighborhood of Jabal al-Mukaber built by Rateb Matar, a 49-year-old construction worker who said he had no ties to the recent violence. He's been in a legal battle with the Jerusalem municipality since 2017, racking up thousands of dollars in fines and fees for illegal construction.

"According to the city we are all here illegally, all the houses," he said. Matar said he believed his house was demolished so that Ben Gvir could show his supporters he was doing something.

BOSTON GLOBE MEDIA
1 Exchange Place, Suite 201
Boston, MA 02109-2132
The Boston Globe (USPS061-420) is published Monday–Saturday.
Periodicals postage-paid at Boston, MA.
Postmaster, send address changes to:
Mail Subscription Department
300 Constitution Dr.
Taunton, MA 02783

YEARLY MAIL SUBSCRIPTION RATES FOR NEW ENGLAND
Seven days $1,612.00
Daily (6 Days) $1,060.80
Sunday only.....$520.00

For all other mail subscription rates and information, call **1-888-MYGLOBE** or visit **www.bostonglobe.com/subscribe**
Free newspaper reading service for the visually impaired: Contact Perkins Braille & Talking Book Library at 800-852-3133 or www.perkinslibrary.org

Pelosi suspect wanted to hurt more

Man reveals in jailhouse call

By Maham Javaid, Adela Suliman, and Ben Brasch
WASHINGTON POST

A man who said he was the suspect in last year's hammer attack on Paul Pelosi expressed regret in a phone call from jail to a California TV station — not that he almost killed his victim, but that he didn't hurt more people.

David DePape, 42, is jailed on state and federal charges related to the Oct. 28 attack of Representative Nancy Pelosi's husband at their San Francisco home. Authorities have called it a political attack spurred by far-right conspiracy theories.

On Friday, Bay Area Fox affiliate KTVU received a call from the San Francisco jail, according to reporter Amber Lee. She said it was DePape.

"What I did was really bad," the man says in the audio. "I'm so sorry I didn't get more of them. ... I should've come better prepared."

DePape spoke about his perceived enemies uninterrupted as if he were reading a script, Lee said during an interview with her station.

At the start of the nearly six-minute call, Lee said, she was told that she could record it but that she was not allowed to challenge DePape's statements or ask follow-up questions because he didn't want the call to affect his legal case.

The phone call came hours after authorities released evidence including the police body-camera footage from the night of the attack at the Pelosis' home in the posh Pacific Heights neighborhood. DePape told Lee that he saw the video.

In the footage, Paul Pelosi, 82, and DePape can be seen struggling for control of a hammer. DePape wrests the weapon from Paul Pelosi and strikes him in the head, before officers tackle him to the ground.

Paul Pelosi suffered a skull fracture and serious injuries to his right arm and his hands. He spent six days at a hospital and was expected to make a full recovery.

The attack on Paul Pelosi, which took place a few days before the midterm election that would lead to Democrats losing control of the House, is widely considered an act of political violence. The attacker has said he had intended to kidnap Nancy Pelosi, a Democrat who at the time was speaker of the House but has since stepped aside from party leadership.

In a public statement Friday, DePape's public defender, Adam Lipson, said releasing the body-camera footage is disrespectful to Paul Pelosi and could spark unfounded theories about the case, jeopardizing DePape's ability to get a fair trial.

Lipson did not immediately respond to The Washington Post's request for comment Sunday morning.

Lee had tried to contact DePape after his arrest, but the phone call Friday was unexpected, she said on KTVU. Lee and KTVU did not immediately respond to the Post's request for comment Sunday morning.

DePape told Lee that freedom and liberty in the United States were "being killed systematically and deliberatively," and that he found "names and addresses" of those he deemed responsible. He wanted to "have a heart-to-heart chat about their bad behavior."

A blog filled with baseless claims and screeds against Jews, Black people, the media, and transgender people was written under DePape's name and registered to his former address last August, the Post confirmed.

After DePape was arrested, he told the authorities that his intention was to "detain and injure Speaker Pelosi," according to a federal court filing. He told investigators that she was "the 'leader of the pack' of lies told by the Democratic Party." He had brought zip ties, a roll of tape, rope, a journal, and the hammer to the Pelosi residence. Nancy Pelosi was not at home when DePape entered.

INSIDE
Death notices PAGE B5

Metro

B

THE BOSTON GLOBE MONDAY, JANUARY 30, 2023 | BOSTONGLOBE.COM/METRO

Woburn teachers to strike Monday

Bargaining session is set for morning

By John Hilliard
GLOBE STAFF

More than 500 Woburn educators are expected to walk the picket line Monday morning after a last-ditch effort by union and School Committee negotiators failed to broker a deal for a long-sought contract Sunday.

The strike means no classes Monday for Woburn's roughly 4,300 public school students.

Contract talks have been going on for more than a year between the School Committee and the Woburn Teachers' Association including teachers, nurses, and paraprofessionals, who have been working without a contract since August.

Barbara Locke, the union president, said in a statement Sunday night that Mayor Scott Galvin and the School Committee "showed a complete unwillingness to negotiate the paraprofessional contract or offer them a living wage."

The two sides met for about eight hours of negotiations Sunday at Joyce Middle School, according to the Woburn Teachers' Association.

Another negotiation session is scheduled for 9:30 a.m. Monday, the statement said.

"We could've gotten this contract settled tonight. Unfortunately their reckless refusal to continue negotiations tonight means the planned strike will start on Monday," Locke said. "We, at the WTA, hope that a resolution can be reached on Monday so that the educators of Woburn can return to doing what they love, which is getting back in the classroom to teach the children of Woburn."

In a statement Sunday night, the School Committee and Galvin said: "Though we felt that today's session was productive and continue to believe that our offer is fair, we did not reach an agreement with the WTA."

Woburn Public Schools families have been contacted informing them

WOBURN, Page B2

PHOTOS BY JESSICA RINALDI/GLOBE STAFF

Chinatown celebrates

The annual Lion Dance Parade saluting the Lunar New Year was celebrated in Chinatown Sunday with dancers in colorful dragon costumes winding through the streets accompanied by cymbalists and drummers. The dragons, each operated by two dancers, visited businesses and restaurants, where they were "fed" oranges and lettuce heads for good fortune in the coming year. Wah Lum carried his costume (above). Avery Chou, 1, of Brookline (at left) held hands with her friend, Jackson Florentino, 3, of Charlestown. And members of the Boston Chinese Freemasons performed a lion dance (at bottom left). The Lunar New Year is based on the Chinese lunisolar calendar, and 2023 is the Year of the Rabbit. Boston Mayor Michelle Wu and Boston Police Commissioner Michael Cox took in the festivities. Cox said the Police Department was being cautious in the wake of a California mass shooting connected to Lunar New Year celebrations.

'We have had a couple of very rocky years for Chinatown, just as the pandemic was starting, even before the virus was in the United States.'

MAYOR MICHELLE WU, *reflecting on the neighborhood's challenges, as broadcast by WCVB-TV*

Study looks at lithium mining boom due to EVs

By Dharna Noor
GLOBE STAFF

INTO THE RED
CLIMATE AND THE FIGHT OF OUR LIVES

The transportation sector is the largest contributor to US greenhouse gas pollution, responsible for more than a quarter of all emissions. Both the Biden administration and the commonwealth of Massachusetts aim to eliminate those emissions by 2050, largely by getting people into electric cars.

But over-reliance on electric vehicles will wreak havoc on the environment and on vulnerable communities, according to a new report, because it would require a massive supply of lithium. The silvery white metal mined from rocks and groundwater is widely used in EV batteries. When extracted, it often has harsh social and environmental impacts, especially on Indigenous communities.

Instead of simply swapping traditional cars for EVs, the report released Tuesday by the climate justice-focused research network Climate and Community Project offers another way to tackle transportation's climate impact: reducing dependency on cars in general.

"It's not a question of, do we decarbonize, or do we protect Indigenous people and ecosystems?" said Thea Riofrancos, lead author, Climate and Community Project member, and associate professor of political science at Providence College. "It's asking, how can we do both?"

The study's authors created a novel modeling tool to examine different paths the United States can take to elim-

LITHIUM, Page B3

After Duxbury tragedy, help for first responders

Officers stressed by deaths of 3 children

By Travis Andersen and Emily Sweeney
GLOBE STAFF

The tragedy that unfolded in Duxbury on Tuesday, when a 32-year-old mother allegedly killed two of her children and seriously injured a third, who later died, has prompted an outpouring of sympathy for a family engulfed in unfathomable grief.

It has also raised concern for the well-being of the first responders who witnessed the harrowing scene and provided aid to the children, who authorities said were strangled.

"If they try to say 'It doesn't bother me,' it tends to linger and come out at some other point in the future," said Peabody police Chief Thomas M. Griffin of the stress of encountering horrific crime scenes. "We don't want it to come out at the wrong time, or in the wrong way."

Authorities alleged that Lindsay Clancy strangled her 5-year-old daughter, Cora, her 3-year-old son, Dawson, and attempted to strangle her youngest child, Callan, who turned 8 months old Thursday, inside the family's home before jumping out a second-floor window. Clancy, who has been under police guard at a Boston hospital, faces murder charges in the deaths of Cora and Dawson.

The baby, Callan, lived for a few days, but was pronounced dead late Friday morning at Boston Children's Hospital, according to the Plymouth district attorney's office.

Griffin administers a program through the Northeastern Massachusetts Law Enforcement Council, a consortium of law enforcement agencies in Middlesex and Essex counties, that helps officers process what they see and experience at high-stress scenes, such as the death of a child or children.

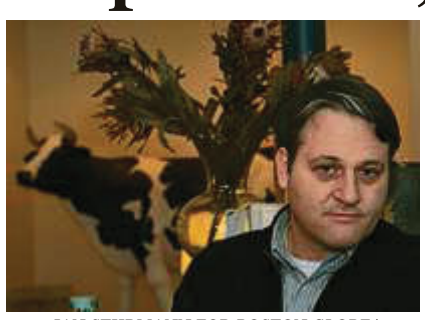
The program connects first responders with "peer support officers" who have been through similar situations, to talk through what they've seen, Griffin said.

The sessions are confidential, Griffin said, and clinicians and clergy members are available to help.

FIRST RESPONDERS, Page B3

GARY SMITH 1958-2023

He produced, nurtured the Pixies and Juliana Hatfield



JAN STURMANN FOR BOSTON GLOBE/2003

Mr. Smith managed — and later owned — Fort Apache Studios.

By Bryan Marquard
GLOBE STAFF

One night in 1987, Gary Smith was at the Rathskeller, the famous Kenmore Square rock club known simply as the Rat, listening to a not-yet famous band called the Pixies.

"I think it was our second gig," recalled Pixies frontman Charles Thompson, "and he said, 'Oh, these kids got something.' "

Then the manager of Fort Apache Studios, which he would go on to own, Mr. Smith had an ear and taste for musicians who were edgy, unique, unforgettable. He would eventually produce or manage Juliana Hatfield and Natalie Merchant, Tanya Donelly, and Billy Bragg. And as he listened to Thompson sing that night, Mr. Smith heard a future the Pixies hadn't yet imagined.

"Here was this kid screaming at the top of his lungs, then bringing it down to something very calm," he told the Globe in 2004. "There was something almost shamanistic about him. It was totally new, and I thought they were it."

Mr. Smith, who later sold his studios and moved to Walpole, N.H., where he kept fostering the creativity of musicians and other artists, died in his home Jan. 16. He was 64 and had been diagnosed with cancer in September.

"He told me recently, 'I heard something good and interesting in

SMITH, Page B6

PAT GREENHOUSE/GLOBE STAFF

Officers responded to a fatal shooting on Babson Street in Mattapan on Sunday morning.

Officials call fatal shooting targeted attack

By Nick Stoico
GLOBE CORRESPONDENT

A teenager was shot and killed in Mattapan late Sunday morning in what officials described as a targeted attack.

Neighbors said they heard at least three gunshots around 11:30 a.m. and saw the victim, who was not identified, lying on the ground by a driveway near the intersection of Babson and Fremont streets.

Officers responded to the scene after receiving a Shotspotter activation alert and a report of a person shot. They found the victim in front of 119 Babson St., Boston Police Superintendent Felipe Colon told reporters at the scene, according to audio of the news briefing provided by Mayor Michelle Wu's office.

Colon said the victim, whom he described as a "young male," had suffered multiple gunshot wounds and was pronounced dead at the scene.

"Today, on a morning when so many families are at church or just enjoying a quiet Sunday morning, it's incredibly painful to have this take place," Wu said at the news briefing.

Boston Police Commissioner Michael Cox called the shooting "another senseless act of violence" and asked anyone with information to call the police department.

District Attorney Kevin Hayden expressed condolences for the family and echoed Cox's call for anyone with information to come forward.

"We're doing everything we can to investigate the scene at this time and if there's anyone in the community that knows anything about what's transpired here and has any information, we definitely need your help and support," Hayden said.

Hayden's office said the victim was a teenager, but his age was not immediately available.

Colon said investigators believe the shooting was not random. "At this time we believe this individual was targeted."

Residents in the area said they were shaken by the shooting and are praying for the teen's family.

A woman who lives in the home just a few yards from where the victim was found said she was in bed when she heard several loud gunshots outside. She said she heard the sirens of emergency vehicles a short time later and looked outside to see paramedics working on the victim near her driveway.

The woman, whose name is Cathrine but asked for her last name not to be published, said the victim appeared to be wearing a hooded sweatshirt, black sweatpants, and sneakers. "He looked very young," she said.

Cathrine said she could hear hip-hop music playing loudly as he was attended to by first responders, possibly coming from his phone or a small speaker.

"It's tragic," Cathrine said. "I don't know what happened or why it happened. … It's sad to see. I'm just glad there weren't more kids around."

The violence broke out a short distance from the scene of another fatal shooting earlier this month on Blue Hill Avenue, where Jymaal Cox, a father of two, was shot and killed in the early morning of New Year's day.

Cox was a relative of the Rev. Kevin Peterson, founder of the New Democracy Coalition and an outspoken advocate for curbing violence affecting the city's Black community. In a statement Sunday, Peterson said he was "profoundly saddened to stand at yet another crime scene."

"This murder took place in what neighbors recognize as a triangle of murder that spans across Mattapan and Dorchester," Peterson said. "We must stop the violence by creating deeper community and police partnerships.

During the news briefing on Sunday afternoon, Wu thanked first responders and said investigators have been working "very quickly to ensure that this investigation starts right away so we can get to justice for this young person and their family."

Nick Stoico can be reached at nick.stoico@globe.com. Globe correspondent Isabela Rocha contributed to this report.

Woburn teachers will strike on Monday

▶WOBURN
Continued from Page B1

that classes are canceled on Monday district-wide, the statement said.

"It remains our mission to find a resolution that is mutually beneficial, fair to all stakeholders and will ensure a high-quality education for the students of Woburn," the school leaders said.

Public teacher strikes are illegal under Massachusetts state law. But educator unions in several other communities in recent months have managed to hammer out contract agreements after authorizing strikes.

In recent months, teachers unions in communities including Brookline and Malden reached agreements with their districts following one-day strikes, while Melrose educators were able to finalize a contract before a planned strike began. In Haverhill, educators walked the picket line for nearly a week before reaching a deal in October with school administrators.

The Massachusetts Teachers Association has backed proposed legislation allowing educators and some workers to strike.

CRAIG F. WALKER/GLOBE STAFF

Union members voted Friday to authorize a strike Monday. Above, educators and supporters rallied on Saturday.

The union's goals for the contract include pay increases for education support professionals, smaller class sizes, and twice-a-week physical education classes for elementary school students, the educators union has said.

The most recent agreement, reached in January 2021, included a 1 percent pay increase for one year, union leaders have said.

The School Committee and Galvin, in a joint statement Friday, said their mission was to develop a contract that is fair for students, staff, and Woburn residents. They said their last proposal, made Jan. 18, allows for reduced class sizes and more instructional time for students.

It would include a wage increase that would come on top of step increases that about half of school staff received at the start of the school year, plus "additional collaborative professional development," they said.

Union members voted Friday to authorize a strike Monday if they did not reach an agreement with the School Committee.

Hundreds of educators and their supporters rallied Saturday on Woburn Common, where several speakers blamed the lack of a contract on Galvin.

Shortly before Saturday's rally, the School Committee and Galvin, who have opposed a work stoppage, announced that the Commonwealth Employment Relations Board concluded the Woburn Teachers' Association was about to engage in a strike in violation of state law.

"Please know that the committee respects the tremendous effort, talent, and dedication of our teachers, but a strike is both illegal and counterproductive," the committee and Galvin said in a statement Friday.

John Hilliard can be reached at john.hilliard@globe.com.

This day in history

Today is Monday, Jan. 30, the 30th day of 2023. There are 335 days left in the year.

Today's birthdays: Actor Gene Hackman is 93. Actor Vanessa Redgrave is 86. Country singer Norma Jean is 85. Horn player William King of The Commodores is 74. Singer-drummer Phil Collins is 72. Actor Charles S. Dutton is 72. Actor Ann Dowd is 67. Comedian Brett Butler is 65. Actor Christian Bale is 49. Guitarist Carl Broemel of My Morning Jacket is 49. Actor Wilmer Valderrama is 43.

►In 1649, England's King Charles I was executed for high treason.

►In 1933, Adolf Hitler became chancellor of Germany.

►In 1945, during World War II, a Soviet submarine torpedoed the German ship Wilhelm Gustloff in the Baltic Sea with the loss of more than 9,000 lives, most of them war refugees; roughly 1,000 people survived.

►In 1948, Indian political and spiritual leader Mohandas K. Gandhi, 78, was shot and killed in New Delhi by Nathuram Godse, a Hindu extremist. (Godse and a coconspirator were later executed.)

►In 1968, the Tet Offensive began during the Vietnam War as Communist forces launched surprise attacks against South Vietnamese towns and cities; although the Communists were beaten back, the offensive was seen as a major setback for the United States and its allies.

►In 1969, The Beatles staged an impromptu concert atop Apple headquarters in London; it was the group's last public performance.

►In 1972, 13 civil rights marchers were shot to death by British soldiers in Northern Ireland on what became known as "Bloody Sunday."

►In 2013, in a dramatic appeal before the Senate Judiciary Committee, wounded former Representative Gabrielle Giffords urged Congress to enact tougher curbs on guns, saying, "too many children are dying" without them.

►In 2018, in his first State of the Union address, President Trump called on Congress to make good on longstanding promises to fix a fractured immigration system and issued ominous warnings about deadly gangs, the scourge of drugs, and violent immigrants living in the country illegally; the speech also included calls for optimism amid a growing economy. In the Democratic response, Massachusetts Representative Joe Kennedy III said soaring stock prices had boosted investor portfolios and corporate profits but had not eased the anxieties of middle-class families.

►In 2020, health officials reported the first known case in which the new coronavirus was spread from one person to another in the United States. The World Health Organization declared the virus outbreak, which had reached more than a dozen countries, to be a global emergency. Russia ordered the closure of its 2,600-mile-long land border with China in an effort to limit the spread of the virus.

►Last year, matching the biggest comeback in an AFC championship game, the Cincinnati Bengals rallied from an 18-point hole to stun the Kansas City Chiefs 27-24 in overtime.

New England *in brief*

METHUEN

Man fatally shot early Sunday morning

A man was shot and killed in Methuen Sunday, officials said. Methuen police responded to a report of shots fired in the Haverhill Street area at about 2:06 a.m., the Essex district attorney's office said in a statement. The shooting was near the Lawrence city line, Methuen police said in a statement. Police were notified a few minutes later that a man had arrived at Lawrence General Hospital with gunshot wounds, the district attorney's office said. Officers were dispatched to the hospital, where the man died. His identity was not released. The shooting is under investigation by the district attorney's office, Methuen police detectives, and the Essex County State Police detective unit, police said. "Investigators believe this is not a random act of violence and that there is no ongoing threat to public safety," police said.

AUBURN

Driver critically hurt on I-395

One person was critically injured Sunday in a single-car rollover crash on Interstate 395 in Auburn, officials said. The car, which had only one occupant, rolled over multiple times before coming to a rest near Exit 12B on the southbound side of I-395, according to a spokesperson from the Auburn Fire Department. The driver was initially trapped inside the car but was freed with a hydraulic spreader, according to the spokesperson. The driver, whose identity was not released, was taken to UMass Memorial Medical Center in Worcester with what were believed to be "critical injuries," according to a 2:30 p.m. post from the Auburn Fire Department's Twitter account.

MANCHESTER, N.H.

Shooting death ruled a homicide

The shooting death of a 24-year-old man outside a Manchester, N.H., bar was ruled a homicide on Sunday following an autopsy by the state medical examiner's office, New Hampshire Attorney General John M. Formella's office said. Timothy Pouliot, of Manchester, was shot multiple times outside The Goat bar and grill on Old Granite Street early Saturday morning and was pronounced dead at the scene, the attorney general's office said. John Delee, 22, of Salem, N.H., was arrested and charged with second-degree murder and reckless conduct. He is being held on bail and is set to face arraignment Monday morning in Hillsborough Superior Court in Manchester, the attorney general's office said. Authorities say the shooting followed a dispute inside the bar that led to a confrontation outside. Manchester police responded to the bar at 50 Old Granite St. at 12:47 a.m. after hearing shots and found Pouliot suffering multiple gunshot wounds, officials said. Deputy Chief Medical Examiner Dr. Mitchell Weinberg performed an autopsy on Pouliot's body Sunday and determined his cause of death was multiple gunshots and the manner of death was homicide, Formella's office said.

WORCESTER

54-year-old man wounded in shooting

A 54-year-old man suffered non-life-threatening injuries in a shooting in Worcester Saturday, officials said. At around 9:35 p.m., Worcester police responded to a report of a gunshot victim at an address on Merrifield Street, according to a statement from the police department. There, officers found a 54-year-old man who had been shot, according to the statement. The victim, whose identity was not released, was taken to a hospital with non-life-threatening injuries, police said. No arrests have been announced. Police ask anyone with information about the shooting to call detectives at 508-799-8651, or send an anonymous text to 274637 that includes the code TIPWPD and a message, or send an anonymous message online at worcesterma.gov/police.

BOZRAH, CONN.

Chickens killed in fire at egg farm

Authorities are investigating the cause of a fire at a large egg farm that burned for hours and killed a number of chickens, fire officials said Sunday. The fire at the Hillandale Farms property was reported at about 1 p.m. Saturday and drew dozens of firefighters. Officials said the blaze was extinguished Saturday night. The cause was not immediately clear. (AP)

The Boston Globe

News
CONTACTS, TIPS, COMMENTS
Switchboard: (617) 929-2000
(617) 929-7400
newstip@globe.com
comments@globe.com
SPOTLIGHT TEAM TIP LINE
(617) 929-7483

Advertising
DISPLAY
(617) 929-2200
bostonglobemedia.com
CLASSIFIED
(617) 929-1500
boston.com/classifieds

Customer service
PRINT AND DIGITAL
(888) 694-5623
customerservice@globe.com

	City	Retail	Other
7-day home delivery	$45.00	45.00	45.00
Sunday-only home delivery	$15.00	15.00	15.00
Daily single copy	$3.50	3.50	3.50
Sunday single copy	$6.00	6.00	6.00

Lottery

SUNDAY MIDDAY 8399
Payoffs *(based on a $1 bet)*
EXACT ORDER

All 4 digits	$6,039
First or last 3	$845
Any 2 digits	$72
Any 1 digit	$7

ANY ORDER

All 4 digits	$503
First 3	$141
Last 3	$282

SUNDAY NIGHT 6072
Payoffs *(based on a $1 bet)*
EXACT ORDER

All 4 digits	$6,079
First or last 3	$851
Any 2 digits	$73
Any 1 digit	$7

ANY ORDER

All 4 digits	$253
First 3	$142
Last 3	$142

LUCKY FOR LIFE
Jan. 29 **15-16-21-23-46 LB 06**
Jackpot: $1,000 a day for life

MASS CASH
Jan. 29 **02-03-09-15-20**
Jackpot: $100,000; no winners

MEGABUCKS
Jan. 28 **07-16-18-20-37-41**
Jackpot: $3.2 million; winners

PREVIOUS DRAWINGS

	Midday	Night
Saturday	7990	9067
Friday	3355	9234
Thursday	9698	1163
Wednesday	1398	0293
Tuesday	6257	4752

WEEKEND NUMBERS AROUND NEW ENGLAND
Sun. Maine, N.H., Vermont
Day: 3-digit **738** 4-digit **9888**
Eve: 3-digit **564** 4-digit **4298**
Rhode Island
Sunday **6954**
Saturday's Powerball
02-18-23-27-47
Powerball **15**
Jackpot: $613 million million; winners

After Duxbury tragedy, help is arranged for first responders

▶FIRST RESPONDERS
Continued from Page B1

During the initial response to a crime scene, officers typically lean on their training to help them "march right through" the devastation around them, he said.

"Once the adrenaline stops, you've got to be aware that you're going to have some reaction to that," Griffin said. "It's normal."

State Police Colonel Christopher Mason, who had troopers at the Duxbury home, said the agency's thoughts were with the "true innocents" whose lives were taken and their family.

"Our thoughts and concerns also rest with the police officers, firefighters, EMTs, and troopers" who responded to the home, Mason said in a statement. "We stand with them to offer support and whatever healing may come."

Everyone who responded to the Duxbury home is being offered support, said the town's fire chief, Robert G. Reardon.

"Please know that all public safety personnel have been offered, and will continue to be offered, needed support," Reardon said in a statement. "We have brought in professional help for not only our first responders but also the neighboring towns' first responders. To all those who responded — we care about you. If you or a colleague need support, please reach out to our department [at] 781-934-5693."

Kingston Deputy Fire Chief Adam Hatch said his department received a mutual aid request for an ambulance, and two paramedics were dispatched to the Duxbury home, unaware of the nature of the call.

"When you walk into something like that, the magnitude is overwhelming," Hatch said. "Nobody's ever ready for that."

Kingston's fire chief also went to the home to assist first responders. Hatch went to Beth Israel Deaconess Hospital-Plymouth to serve as a liaison.

First responders from surrounding towns were invited to a debriefing by two critical incident stress management teams, made up of "police officers, firefighters, and medical professionals that have been through it," Hatch said.

The sessions gave first responders a chance to discuss what they had experienced, he said. "Basically it's giving the responders the opportunity to open up an avenue for coping with what they've been through," Hatch said.

First responders are also given access to people they can call and talk to at any time if they need additional counseling and support, Hatch said.

He praised the first responders to the Duxbury home and said the departments that sent personnel are supporting each other. "Everyone stepped up and did what they needed to do," Hatch said.

Hatch said there seems to be less stigma about seeking help than there was 20 years ago, a welcome development.

"We're all human," he said.

Recorded radio transmissions of emergency responders provided a wrenching account of what firefighters discovered when they arrived at the home.

"We've got three pediatric arrests," a firefighter said.

"Three pediatric arrests," the dispatcher responded. "We've got mutual aid on the way."

A few minutes later, first responders had placed the mother and her three children into four ambulances.

Travis Andersen can be reached at travis.andersen@globe.com. Emily Sweeney can be reached at emily.sweeney@globe.com. .

Report details costs of lithium mining

▶LITHIUM
Continued from Page B1

inate transit emissions, and how much lithium each would require.

The least ambitious scenario — just switching to EVs — could increase the need for lithium by up to threefold by 2050, the authors say. But if the country boosts density, invests in mass transit, builds out lithium battery recycling, and regulates EV battery size, it could cut the amount of extra lithium needed to decarbonize transit by 2050 by more than 90 percent.

The study is the first to project lithium demand based on transit policy choices. It raises questions surrounding EV policy in Massachusetts, where climate and transit advocates have expressed frustration with both state and federal climate plans for placing too much emphasis on electric cars.

Demand for lithium has soared in recent years, due mainly to a growing demand for EVs. Global lithium consumption has doubled over the past two years, according to Bloomberg, and is expected to rise over 40 times by 2040, according to the International Energy Agency.

Though lithium is globally abundant, increasing production isn't easy because new mines can't be built overnight. Lithium mining has also notoriously led to widespread land and water pollution, habitat destruction, and human rights abuses in Indigenous and rural communities.

The study looks at ways to mitigate that impact by finding a way forward that requires less lithium. "There are different ways that our transportation sector could look in 2050," said Riofrancos. "They all eliminate emissions but otherwise, they're radically different."

In the "electrified status quo," Riofrancos said, the United States makes only one change — swapping traditional cars for EVs — while maintaining the rest of the transportation system and allowing EV batteries to grow.

But a bolder future would see the nation build highly dense cities, hugely expand public transit and bike paths, build out battery recycling infrastructure, expand access to electric bikes, prioritize electric trains over buses because they use less lithium, and limit the size of passenger vehicles, reducing the amount of lithium needed for their batteries. This could lower the projected rise in lithium demand by 2050 by 92 percent, the study found.

The biggest share of that reduction in lithium demand comes not from battery recycling or reducing battery size, but from getting people out of cars. But crucially, even the most ambitious scenario does not eliminate cars altogether.

Slashing future lithium demand would help the United States decarbonize humanely, the study says, and would protect social welfare.

Globally, 85 percent of the current and planned lithium extraction projects are located on or near land managed or inhabited by Indigenous people, a December 2020 study found. In Chile and Argentina, two of the world's largest lithium producers, mining has led to pollution, water depletion, and strong human rights and labor concerns, sparking staunch resistance from affected communities.

"Policies should avoid causing new harm to the environment and human rights of communities in the lithium rich areas in the Global South," said Pía Marchegiani, environmental policy director at the nonprofit Environment and Natural Resources Foundation in Argentina, who coauthored the report.

Here in the United States, there is only one active lithium mine in Nevada, but dozens of new ones are under development. That includes the Thacker Pass mine, which was approved at the end of the Trump administration but is tied up in the courts, and which environmentalists and Indigenous tribes oppose due to concerns about ecological impact and a lack of community consultation.

The authors say low-lithium plans to decarbonize transit would come with other benefits, too. Improving public transit, for instance, could offer economic benefits to those who may struggle to afford cars, and could improve air quality. And regulating the size of EV batteries could make zero-emission vehicles more affordable.

Riofrancos noted that in Boston and Providence, among others in the region, officials are experimenting with fare-free public transit to boost ridership and are building out bus lanes.

Dharna Noor can be reached at dharna.noor@globe.com.

UNIVERSAL A COMCAST COMPANY The Boston Globe
INVITE YOU AND A GUEST TO AN ADVANCE SCREENING OF

SAVE YOUR FAMILY OR SAVE HUMANITY.
MAKE THE CHOICE.
DIRECTED BY
M. NIGHT SHYAMALAN
KNOCK AT THE CABIN
ONLY IN THEATERS FEBRUARY 3
SCREENPLAY BY M. NIGHT SHYAMALAN AND STEVE DESMOND & MICHAEL SHERMAN
TUESDAY, JANUARY 31 AT 7 PM
AT A BOSTON-AREA THEATER
TO RSVP, PLEASE VISIT
gofobo.com/TheBostonGlobeKATC
THE FILM IS RATED R BY MPA. NO PURCHASE NECESSARY.
Please note capacity is limited and attendance will be handled on a first come, first served basis.
IN THEATERS FEBRUARY 3
@KnockAtTheCabin | #KnockAtTheCabin

Imagine your home, totally organized!
Custom Closets, Garage Cabinets, Home Office, Pantries, Laundries, Wall Beds, Wall Units, Hobby Rooms, Garage Flooring and more...

Walk in Closet
40% Off Plus Free Installation
PLUS TAKE AN EXTRA 15% Off
Terms and Conditions: 40% off any order of $1,000 or more or 30% off any order of $700–$1,000 on any complete custom closet, garage, or home office unit. Take an additional 15% off on any complete system order. Not valid with any other offer. Free installation with any complete unit order of $850 or more. With incoming order, at time of purchase only. Expires 3/15/23. Offer not valid in all locations
SPECIAL FINANCING FOR 12 MONTHS!
With approved credit. Call or ask your Designer for details. Not available in all areas.

Garage Cabinets
Closets by Design®
Call for a free in home design consultation and estimate
1-855-275-2507 BG
www.closetsbydesign.com
Locally Owned and Operated.
Licensed and Insured: #189076
Follow us
2022 © All Rights Reserved. Closets by Design, Inc.

'We need to change the system as a whole so murder like this can't happen again.'

MATTHEW KENNEDY, *of the Party for Socialism and Liberation*

Protesters demand names of officers who shot student

By Tonya Alanez
GLOBE STAFF

SOMERVILLE — Chanting, sign-waving protesters marched 2 miles Sunday — from Somerville High School to the Cambridge Police Department — to demand that the officers who fatally shot a 20-year-old college student earlier this month be publicly identified and fired.

The marchers also called for major systemic changes including the allocation of funds away from law enforcement and toward an alternative emergency response program.

"We demand that CPD immediately release the names of the officers, fire them immediately, release the full, unredacted police reports, indict, and convict the killer cops," Matthew Kennedy, of the Party for Socialism and Liberation, one of the event's organizers, told a crowd of several hundred. "But we're not going to stop with just the individual killer cops. We need to change the system as a whole so murder like this can't happen again."

Nearby, a protester held a sign that read: "They killed him. He needed HELP. 5 bullets is unnecessary."

On Jan. 4, police responded to a 911 call reporting that a man, later identified as Arif Sayed Faisal, a computer science major at the University of Massachusetts Boston and an immigrant from Bangladesh, was jumping out of an apartment window in Cambridgeport with a knife and then cutting himself in the courtyard below, the Globe previously reported.

When police located Faisal bleeding in an alleyway, he fled with the knife, officials said. After a chase that lasted roughly 12 minutes and a confrontation with officers, Faisal was shot and killed, officials said.

"We need to disarm and demilitarize the police," Kennedy said. "There's no reason why people with guns should be responding to a nonviolent incident."

MATTHEW J. LEE/GLOBE STAFF

Demonstrators marched to the Cambridge Police Department during a rally and vigil Sunday for Arif Sayed Faisal, who was killed by the Cambridge police.

"When we call, we don't want bullets from them. We want help," said Pervin Chowdhury, president of the Bangladesh Association of New England, another event organizer.

Sarah Halawa, of Safe Schools Somerville, described Faisal as an active student and 2020 graduate of Somerville High School. He had attended the Winter Hill Community Innovation School, was connected to teen empowerment projects, participated in a Mystic Mural Project, and worked as an interpreter at community events, she said.

"Arif was a member of this community, of the Somerville community; we own him, he was ours," Halawa said. "This was someone who worked hard, who participated in the community. This should not have happened. We can prevent this. Enough is enough."

The protesters compared Faisal's death with the killing of Tyre Nichols, who was beaten to death by police in Memphis three weeks ago. Body camera footage of the attack on Nichols was released Friday, sparking a series of marches nationwide.

As marchers with megaphones made their way Sunday to the Police Department, they conjured up both young men's names. "Justice for Faisal. Justice for Tyre," they shouted. "Justice for everyone killed by the police."

Massiel Torres, 28, a doctoral student at Harvard University, rode the T from Watertown to attend Sunday's rally.

"We are living in a society that is over-policed and people are at risk of being murdered at any moment, or abused, or harmed, by the police," Torres said. "Anything that has to do with liberation, freedom, and building community resources is very important to me. Also, I'm just simply tired of all the violence."

Keith Jones, 49, a UMass Boston professor who lives in Dorchester, brought his son, Diego, 7, and daughter Alessandra, 9, to the march.

"I want them to recognize the strength of solidarity, coalition building, and that all of our liberation is bound up in one another's," Jones said.

"I'm just sick and tired of being sick and tired," Jones said. "But we have to be organized. I want to instill that in my children."

José Alemán, 59, who teaches Spanish and literature at Westford Academy and lives in Somerville, said the shooting was not the way to resolve the situation with Faisal.

"Cutting a life short in that way is not what public institutions are funded to do," Alemán said. "A mental problem is not fixed with bullets."

Tonya Alanez can be reached at tonya.alanez@globe.com. Follow her on Twitter @talanez.

In the US, recognizing Black humanity has always been a fight

▶OSTERHELDT
Continued from Page A1

ther King Jr. was assassinated. And everyone tuned in to watch it Friday night as if it were a primetime drama and not real life trauma.

Cable television seemed to be hosting a countdown of coverage ahead of the release of the video of the police attack on Tyre. And the shock-and-awe of Black cops beating a Black man took center stage. A Memphis police chief said it took race off the table.

Does it? Black police officers were involved in the killings of Freddie Gray, George Floyd, and Sean Bell, and the names can and unfortunately will go on.

Systemic racism is exactly that: systemic. It affects the entire institution, a disease infecting the whole body. Not just the police body, the American body.

Two cops snatched Tyre out of his car. The department still hasn't offered a substantiated reason why. They slammed him on the ground while telling him to get on the ground. These men deployed pepper spray so recklessly they hit one another and punished Tyre for it. At every turn, they were brutal. He ran, as most of us would when faced with imminent danger.

He almost made it to the home where he might find help. But police knew all they had to do is call their network and a few more cops, without question or much explanation, would carry on the violence.

The intention was never just to catch him. It was to "stomp his ass." On the video, at least eight officers get involved in the detainment, disregard, and destruction of Tyre Nichols.

"Mom, mom, mom," Tyre cried. Officers did not care. They were home in their terror.

These men alleged to one another that Tyre reached for one of their guns, how he must have been high, how he wouldn't go down. These men held his arms and beat his body while yelling "Give me your hands." There was never any interest in his survival or recognition of his pain.

BARRY CHIN/GLOBE STAFF

People placed flowers in front of photos of Tyre Nichols at The Embrace Memorial on Boston Common in response to his beating death by police in Memphis.

The medics did not immediately help either, mirroring the ongoing bias we see from doctors. Compared to white patients, studies found Black patients are 40 percent less likely to be prescribed medication to ease the hurt from acute pain.

If we cannot register one another's pain, how can we ever know love? And if we do not know love, can we sustain liberation?

A nation born of violence, in the most broken and suffering way, we seem to need to binge and feed off brutality. We don't change. We adapt to the pain. We devolve, becoming the rage that stitched these states together.

This land was stolen from Native peoples and called America. And then the colonizers trafficked Black folk and forced them to build this country. The roots of policing lie within these systems. There were slave patrols. And then Jim Crow laws, the Tulsa Massacre, COINTELPRO, the MOVE bombing, stop-and-frisk, and many more methods to use American policing as an enforcer of Black subservience.

About 1,100 people were killed by police last year, according to The Washington Post. More than a quarter of those people are Black — we only make up 13 percent of the population.

According to Mapping Police Violence, one in every three people killed by police was running, driving, or otherwise trying to get away. Black and Brown people were more likely to be killed while fleeing.

Police, in response to the Black Lives Matter movement, unnecessarily countered with a Blue Lives Matter call of their own. That affirmed the system as a force that does not rely on individual identity, but thrives off power and superiority.

Hiring Black police does not solve a toxic policing system any more than a Black president magically made us a postracial nation with a functioning democracy.

At least five Black police officers took part in killing Tyre. And within two weeks of his death, before the video aired, all five had been fired, arrested, and charged with second-degree murder, aggravated assault, aggravated kidnapping, official misconduct, and official oppression. And the #BlueLivesMatter crowd is in a rare silence. *Official oppression.*

Representation matters, but dismantling systems that were meant to oppress and building anew is required for change. Not even good cops, of any race or gender, can make comply-or-die policing humane.

Justice is never having to fight for your life at a traffic stop in the first place. A just nation does not thrive on violence that teaches us to hate.

In an anti-Black society, where laws, the economy, education, and opportunities are set up to deny your humanity and rights, people of color suffer from internalized racism.

Systemic racism is exactly that: systemic. It affects the entire institution, a disease infecting the whole body. Not just the police body, the American body.

Sometimes you hate yourself. Other times you hate others. Or you want the kind of power that lacks love and seeks hierarchy because monuments and history books celebrate that way of being. These are cogs of a supremacist system that kills us, regardless of our identities.

The standard use of force in America has never been reasonable. Our split-second inclination often goes for the kill. We say this is not who we are, but we just keep on letting the violence sprawl, be it police killings or politicians policing our bodies, be it mass shootings or domestic violence. Violence begets violence, and it is our ebb and flow.

At our best, we witness one another, grapple with the truth of what is and rise to make change for what can be. At our worst, we've become spectators, making trauma a sport, chasing that next brutal episode.

Until we choose love and liberation, our home, as Americans, will always be in the arms of violence.

Jeneé Osterheldt can be reached at jenee.osterheldt@globe.com and on Twitter @sincerelyjenee and on Instagram @abeautifulresistance.

Remembered

SHARE YOUR MEMORIES ON OUR GUEST BOOK AT BOSTON.COM/OBITUARIES

BY CITY AND TOWN

ANDOVER
CROWLEY, Jerome Francis
RUBINO, Michael A., Ret. Massachusetts State Police
BARNSTABLE
BOWES, Thomas G.
BOSTON
LINSO, Frances X.
LUPACCHINO, Deborah
MacDONALD, Robert L.
MARTIN, Rev. Charles
NOLAN, Phyllis R.
PELOQUIN, Adele Dolores
ROMANOS, Geraldine
BREWSTER
BOWES, Thomas G.
BROCKTON
PELOQUIN, Adele Dolores
BURLINGTON
CROWLEY, Jerome Francis
CANTON
PERLMUTTER, Bess (Resnick)
DEDHAM
KOENIG, Robert L. Jr.
LINSO, Frances X.
DORCHESTER
BOWES, Thomas G.
DOVER
KUBE, John M.
EVERETT
NOLAN, Phyllis R.
HYDE PARK
PACIFICO, Carmela
JAMAICA PLAIN
NOLAN, Phyllis R.
LAKEVILLE
MacDONALD, Robert L.
MALDEN
JAYNES, Debra M. (Boudreau)
NORFOLK
MacDONALD, Robert L.
NORTH ANDOVER
RUBINO, Michael A., Ret. Massachusetts State Police
NORTON
LINSO, Frances X.
NORWOOD
KOENIG, Robert L. Jr.
QUINCY
BOWES, Thomas G.
PACIFICO, Carmela
READING
RIGAMONTI, Geneva B. (Gregorio)
ROCKLAND
BOWES, Thomas G.
ROSLINDALE
NOLAN, Phyllis R.
PELOQUIN, Adele Dolores
SOUTHBOROUGH
LUPACCHINO, Deborah
STOUGHTON
PERLMUTTER, Bess (Resnick)
TEWKSBURY
CROWLEY, Jerome Francis
WAKEFIELD
RIGAMONTI, Geneva B. (Gregorio)
WEST ROXBURY
KOENIG, Robert L. Jr.
LINSO, Frances X.
MARTIN, Rev. Charles
NOLAN, Phyllis R.
PELOQUIN, Adele Dolores
WILMINGTON
CROWLEY, Jerome Francis
RUBINO, Michael A., Ret. Massachusetts State Police
WINCHESTER
PARKER, Shirley J. (Holbrook)
WOBURN
PARKER, Shirley J. (Holbrook)

OUT OF STATE

NEW YORK
MARTIN, Rev. Charles
RHODE ISLAND
MARTIN, Rev. Charles

ROMANOS, Geraldine

Boston

Geraldine Elizabeth Romanos passed away, very peacefully, in Boston on January 23, 2023. Gerri was 96 years old. She lived a very full life and was notably independent until the end.

Gerri was born in Newton, MA and spent her childhood primarily in the Boston area and NYC. She raised her children in Roxbury and Jamaica Plain. Her fondest childhood memories were of the times she spent with her cousins at the playground by the Charles River in Auburndale, where they could propel themselves directly into the river if they pumped high enough on the swing set.

Many of Gerri's most significant memories were from her years growing up during the Depression in NYC. A favorite story was about her days selling the Saturday Evening Post with her sister Pat at Grand Central Station. The girls had the magazines delivered to their home addressed simply as Pat and Gerry, pretending to be boys, because they would not have been allowed to do this work as girls. They added chocolate bars and did quite a good business until they were discovered by a Post executive visiting from out of town.

At age 15, Gerri was forced to leave school to help support the family, but she always vowed to finish her education. Many years later, after she had raised five children, she obtained her GED and then attended Simmons College and Boston University. She received her BA in French from BU and went on to study at the Alliance Francaise in Paris. She taught French in Boston, and also used her French language skills while working for a wine importer. She made many trips to her beloved France.

Gerri was predeceased by her cherished son George David Romanos; her beloved mother Caroline Delvental; her sweet little brother Freddie; and her sisters, Patricia Brander and Charlotte Seaver, whose friendship she had treasured. Gerri was also predeceased by her former husband and father to her children, George M. Romanos, Jr.

Gerri is survived by her adoring children, Stephanie, Michael, Joan, and Barbara; as well as her daughter-in-law Brenda. She leaves behind 10 grandchildren, Nathan, Nicholas, Cynthia, Peck, Seth-Daniel, Alex, Alexis, Marcus, Rose and Zoe; and several great-grandchildren. She is also survived by her loving siblings, Elmer (Del) Delventhal and his wife Linda, Winifred Lyons Pettengill and her husband Richard, and Linda Greenberg. Gerri has many nieces and nephews, extended family and friends all over the country who will miss her dearly. She will be especially missed by her many friends at Farnsworth House in Jamaica Plain, where she resided with her faithful feline, Lily.

A Memorial Service/Celebration of Gerri's Life will be held at a later date.

Donations in Gerri's memory can be made to the Women's Lunch Place in Boston, where Gerri enjoyed her time as a volunteer. Donate at womenslunchplace.org

BOWES, Thomas G.

Age 72, of Quincy, died peacefully on Thursday, January 26, 2023.

Son of the late Douglas and Anna (Carey) Bowes. Beloved husband of Linda J. (Koch) Bowes of Quincy. Devoted father of Thomas G. Bowes, Jr., QFD and his partner Kristen Chaput of Quincy, and Kristen Bowes, QPD and her spouse Melanie Sullivan of Quincy. Loving grandfather of Ryersen and Callahan Bowes, both of Quincy. Dear brother of Donald Bowes and his wife Elizabeth of Quincy, the late Douglas Bowes, Jr. and his late wife Nancy and the late Robert Bowes and his late wife Jean. Dear brother-in-law of Richard Koch and his wife Nancy of Brewster, Susan Larsen and her late husband Glen of Hyannis, Debra Eaton and her husband William of Quincy, The Honorable Thomas Koch and his wife Christine of Quincy, Simone Leary and her husband Ed of Quincy and the late Joseph Koch and his surviving wife Lynn of Rockland. Also survived by many nieces, nephews, extended family, and friends.

Visiting Hours will be on Friday, February 3, 2023, 4-7 PM, in the Keohane Funeral Home, 785 Hancock St., QUINCY.

A Celebration of Life Service, in the funeral home at 9 AM on Saturday, February 4, 2023, prior to the Funeral Mass at Divine Mercy Parish in Sacred Heart Church, Quincy, at 10 AM.

Interment Mt. Wollaston Cemetery, Quincy.

In lieu of flowers, donations to Daughters of Mary of Nazareth, P.O. Box 690789, Quincy, MA 02169.

See www.Keohane.com for directions and online condolences.

Keohane
Funeral Services

CROWLEY, Jerome Francis

Of Burlington, MA, formerly Somerville, January 29. Beloved husband of the late Dorothy Crowley, with whom he shared 60 years of marriage. Loving father of Jerome Crowley, Jr. & his wife Suzanne of Andover, Brian Crowley & his wife Maria of Wilmington, Scott Crowley & his wife Sharon of Tewksbury, and the late Jacqueline Zinnershine & her husband Bob Zinnershine of Andover. Cherished grandfather of Amanda, Rebecca, Sydney, Morgan & Colin. Dear brother of his late siblings, Margaret Crowley, John "Jack" Crowley and Joseph Crowley. Memorials in Jerome's name may be made to the Lewy Body Dementia Association, www.lbda.org Visiting Hours for Jerome will be held at the Edward V. Sullivan Funeral Home, 43 Winn St., BURLINGTON, on Wednesday, February 1, 2023 from 6 to 8 PM. Burial will be private. For online guestbook, obituary and tribute video, see www.sullivanfuneralhome.net

JAYNES, Debra M. (Boudreau)

Of Malden, passed away unexpectedly at home on January 25, 2023, at 67 years. Born in Malden, MA on March 12, 1955, she was the beloved daughter of the late Warren and Barbara Boudreau. Loving wife of James W. Jaynes. Loving mother of Judith Clough and stepmother of Lisa Jaynes-Wolfson. Cherished grandmother of Kristin Clough and Cassidy Rescigno. Dear sister of Donald Boudreau and the late Judith Boudreau-Brady and Warren Boudreau, Jr. Relatives and friends are kindly invited to attend a Visitation at the JF Ward Funeral Home, 772 Broadway, EVERETT, on Thursday, February 2nd, from 4-6pm, with a Prayer Service in the funeral home at 5:30 pm.

KOENIG, Robert L. Jr.

Of Norwood, formerly of West Roxbury, January 28, 2023. Dear and devoted husband of Kathleen (Thornton). Loving father of Robert Koenig and his wife Leslie of KY, Douglas Koenig of Norwood and the late Mathew Koenig. Cherished grandpa of Max and Graham. Dear brother of Stephen Koenig and his wife Anne of Dedham. Son of the late Robert, Sr. and Bridget (Landers). Dear brother-in-law of Mary Quinn, Tricia Jordan, Carolyn Williams and Dorothy Thornton. Also survived by several loving nieces and nephews. Funeral Service Thursday at 11 a.m. at the Kraw-Kornack Funeral Home, 1248 Washington St., NORWOOD. Visiting Hours 9 – 11 a.m. Relatives and friends respectfully invited to attend. In lieu of flowers, contributions in Robert's memory may be made to Wounded Warrior Project, PO Box 578516, Topeka, KS 66675-8516. Proud veteran of the U.S. Air Force. Interment St. Joseph Cemetery, West Roxbury. Guestbook and other information at www.kraw-kornackfuneralhome.com

Kraw-Kornack Funeral Home

KUBE, John M.

John M. Kube-Of Dover, MA, suddenly on January 27, 2023. Beloved husband of Stephanie (Forrest) Kube. Devoted and amazing father of Nicolas and Abigail Kube. Dear son of the late Diana Hamilton and Jerome Kube. Dear brother of Joe, Glenn, Sheryl, Jerry and Doug. Services at Temple Beth Shalom,670 Highland Ave., Needham, on Tuesday, January 31, 2023, at 1:00 p.m. To view a live stream of the service, go to brezniakfd.com Memorial Observance at his residence Tuesday evening 7-9 pm, and Wednesday and Thursday 2-4 & 7-9 pm. In lieu of flowers, remembrances may be made to The Nature Conservancy (Nature.org).

Brezniak Funeral Directors

LINSO, Frances X.

Frances Bergh Linso died peacefully surrounded by her family on January 27, 2023 at the age of 86. Beloved wife of the late Francis G. (Frank) Linso (retired BFD Deputy Chief); and mother to the late John Linso. Fran leaves behind her loving children, Mary Bradley and her husband Stephen of Norton, Janice Badessa and her husband Anthony of Dedham, daughter-in-law Kathleen Linso, wife of the late John Linso of West Roxbury, Ann Nash and her husband Jeffrey of Charlotte, NC, Andrew Linso and his wife Shelley of West Roxbury, and David Linso and his wife Rachel of West Roxbury. Cherished Nana of 19 grandchildren and 2 great-grandsons. Devoted sister of the late Mary Cannon, Pauline Lacasse and George Bergh. Also survived by many nieces and nephews.

Visiting Hours will be held in the Robert J. Lawler and Crosby Funeral Home, 1803 Centre St., WEST ROXBURY, on Tuesday, January 31, from 4:00 to 8:00 PM. A Mass of Christian Burial will be celebrated in St. Theresa of Avila Church, 2078 Centre St., West Roxbury, on Wednesday, February 1, at 10:30 AM. Relatives and friends are invited to attend. Interment, Massachusetts National Cemetery, Bourne, at 12:45 PM.

Donations may be made in Fran's name to Little People of America https://www.lpaonline.org/donate For complete obituary and guestbook, www.lawlerfuneralhome.com

Lawler and Crosby Funeral Home
617-323-5600

LUPACCHINO, Deborah

Deborah (Mendes) Lupacchino, 70, of Southborough, MA and Naples, FL, died Friday, January 27, 2023 at her home in Southborough.

She was the daughter of the late Raymond and Ann (Fusaro) Mendes and the wife of Frank Lupacchino.

In addition to her husband, she is survived by her two sons, Steven of Brookline, MA, and Michael of Nashua, NH; and her brother, Joe Mendes of New Seabury, MA. She is also survived by her aunt, Eleanor (Mendes) Strong of Huntington Beach, CA and her uncle, Richard Mendes of Flat Rock, NC.

Visiting Hours will be held on Friday, February 3, 2023 from 6:00-8:00PM at the Morris-Johnston Funeral Home, Inc., 40 Main St., SOUTHBOROUGH, MA 01772. A Funeral Mass will be celebrated at 10:00AM on Saturday, February 4, 2023 at St. Matthew Parish, 26 Highland St., Southborough, MA 01772. A private Burial will be held at a later date.

In lieu of flowers, donations may be made to: Bile Duct Research, C/O MGH Development Office, 32 Fruit St., Boston, MA 02114 or www.giving.massgeneral.org

For Debbie's complete obituary, please visit www.morrisjohnstonfh.com

www.morrisjohnstonfh.com

MacDONALD, Robert L. Sr.

Of Lakeville, formerly of Norfolk and Boston, passed on January 25, 2023, at the age of 80.

Bobby was born in Boston on November 27, 1942, he was the son of the late Grant and Grace (Sebastian) MacDonald and was the 4th of 16 siblings.

As part of a large family, Bobby learned early on the importance of hard work. He spent his childhood years helping support his family, eventually landing jobs at Clorox and Continental Coffee before venturing out on his own and creating the MacDonald Company and providing sales and service to restaurants throughout New England. Bobby and Linda ran this successful business for many years before briefly retiring to northern Maine, only to get the entrepreneurial urge again and moving back to Massachusetts and launching Bobby Mac's, another successful business in the restaurant service industry.

At the age of 18 Bobby met and married the love of his life, Linda, and together they built a home with their 4 children in Norfolk. Bobby always wanted to make everyone happy and always wanted to provide a place for not only his immediate family but his extended family, where fun times and memories could be made.

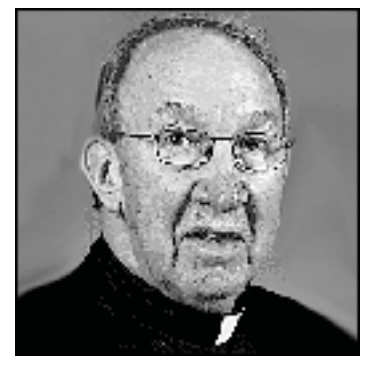
Throughout the years Bobby and Linda owned several properties in New Hampshire and Vermont and always made these available to their entire family. It was at these places where Bobby became known for ghost stories around the campfire. If you ask anyone in the family where the best times were, they always say at Bobby's camp.

Bobby was the husband of Linda (Cook) MacDonald; loving father to Brenda Carter and husband Niles of Lakeville, Robert MacDonald, Jr. and wife Kathleen of Falmouth, Brian MacDonald and fiancée Elizabeth of Newport, RI, and Keith MacDonald and wife Elizabeth of Attleboro. A loving grandfather to Chrysti Dufort and husband Aaron, Bonnie Mota, Amanda MacDonald, Emily MacDonald, Isabella MacDonald, Zachary MacDonald, Benjamin MacDonald, Alexander MacDonald, and Julia MacDonald; and the loving great-grandfather to Jacob, Nicholas, Lillian, and Christopher Dufort and Carter and Camden Mota. Bobby was also the brother to Ann Silve of Plainville, Corrine Converse of Hyde Park, Susan Campbell and husband Tommy of Dedham, Ellen Kotkowski and husband Christopher of Dedham, Larry MacDonald of Randolph, Linda Spinale and husband Billy of Hyde Park, Brian MacDonald and wife Geri of North Attleboro, Debra Lenane and husband Jay of Dedham, Jay MacDonald and wife Michelle of Dorchester, David MacDonald of Boston, Paul MacDonald and wife Kim of Dorchester, and predeceased sisters, Marianne MacDonald and Judith McQuade, and brothers, Wayne and Richard MacDonald. Bobby is also survived by his lifelong friends, Doug and Lynne Dalrymple and Marty and Denyse Walsh, and their families.

A private Burial will be at the Norfolk Cemetery in Norfolk and a celebration of Bobby's life will be held at a later date. In lieu of flowers, please consider donating to a cancer charity of your choice.

An online guestbook may be found at: rjrossfuneralhomeinc.com

MARTIN, Rev. Charles



Paulist Father Charlie Martin, CSP, died on January 27, after a short illness. He was 87 years old. Martin joined the Paulists in 1958 and was ordained on May 8, 1965.

Visitation will take place on Friday, February 3, from 4-6pm at Lawler-Crosby Funeral Home, WEST ROXBURY. A Mass of Christian Burial will be celebrated at the Paulist Center, 5 Park Street, Boston, on Saturday, February 4, at 11am.

In lieu of flowers, please make a donation in memory of Fr. Charlie, to The Paulist Fathers, Office of Mission Advancement, 415 W. 59th St., New York, NY 10019

More information can be found at lawlerfuneralhome.com

Lawler and Crosby Funeral Home
617-323-5600

NOLAN, Phyllis R.

Of Roslindale and Mission Hill, rejoined her beloved husband, Jackie, who predeceased her by 59 years. Mother of John and Joseph of Roslindale, the late Denise Hansen and her husband, Steve of Jamaica Plain, Tricia and Steve Hoover of Everett, and the late Phyllis, Jr.; babies Marie, Gerard, and Paul. "Gar" to Kristin, Ryan and Jennifer (Weir) Hansen, Nolan, Timothy, and Brendan Hoover and Jacqueline Nolan. Great Gar to Jocelyn, Devin, Jordyn, Ashley, and Adalyn. Daughter of William and Margaret, and predeceased by brothers, Jack, Leo, Will, Ed, Paul; and sisters, Martha Maher and Marie Thomas. Loving aunt to 39 nieces and nephews (all her favorites).

Visiting Hours will be held in the Robert J. Lawler and Crosby Funeral Home, 1803 Centre St., WEST ROXBURY, on Monday, January 30, from 4:00 to 7:00 PM. A Mass of Christian Burial will be celebrated in Our Lady of Perpetual Help (Mission Church), 1545 Tremont St., Roxbury, on Tuesday, January 31, at 10:00 AM. Relatives and friends are invited to attend. Interment Forest Hills Cemetery. Guestbook and complete obituary www.lawlerfuneralhome.com

Lawler and Crosby Funeral Home
617-323-5600

Affordable Cremation
$1310 complete
617 782 1000
Lehman Reen & McNamara Funeral Home
www.lehmanreen.com
Serving Greater Boston

ST. MICHAEL CEMETERY & CREMATORY
500 Canterbury St. Boston, MA 02131
The Respectful Way
617-524-1036
www.stmichaelcemetery.com

CANNIFF MONUMENT
(617) 323-3690
800-439-3690 • 617-876-9110
531 Cummings Highway, Roslindale
583 Mt. Auburn Street, Cambridge
MON-FRI 9-9; SAT 9-5, SUNDAY 12-5

Honor your loved one's memory with a photo in The Boston Globe.
Ask your funeral director for details.
The Boston Globe

Show respect
View The Boston Globe's complete list of death notices and sign the guestbook at boston.com/obituaries.

Express your sympathy
View The Boston Globe's complete list of death notices and sign the guestbook at boston.com/obituaries.

Share a memory
Or add a condolensece to the guestbook at boston.com/obituaries

Celebrate their lives
Honor your loved ones with a photo in the Boston Globe. Ask your funeral director for details.

Remembered

SHARE YOUR MEMORIES ON OUR GUEST BOOK AT BOSTON.COM/OBITUARIES

PACIFICO, Carmela (Tropeano)

Age 91, of Hyde Park, passed away peacefully on January 28, 2023.

Beloved wife of the late Vincenzo Pacifico; loving mother of Dr. Luigi Pacifico and his late wife Dr. Monica Przelomski-Pacifico of Auburn and Dr. Vittoria Pacifico of Quincy. Cherished sister of Girolamo and Mario, both of Australia, the late Maria Gaita of Walpole, Antonio and the late Gilda, both of Italy, Vincenzo of Shrewsbury, Alfonso of Falmouth, Elvio of Dedham, and the late Enrico Tropeano of Norwood. Loving Nonna of Dr. Antonette Pacifico of Springfield and Vincent Pacifico of Bristol, RI. Also survived by many loving nieces, nephews, in-laws and friends.

Relatives and friends are respectfully invited to attend Calling Hours on Tuesday morning, January 31, from 9:30-11:30AM at the McMaster Funeral Home, 86 Franklin Street (Rt. 37), BRAINTREE. A Mass of Christian Burial will be celebrated immediately following, at 12PM, at Saint Francis of Assisi Church, 856 Washington Street, Braintree. Relatives and friends invited. Entombment at St. Michael Cemetery, 500 Canterbury Street, Boston.

In lieu of flowers, the family kindly requests donations in Carmela's honor to the Pacifico Memorial Scholarship Fund at the Academy of Notre Dame, Tyngsboro. Donations may be made online at www.ndatyngsboro.org/apps/pages/memorial

For information or to leave condolences, please visit www.mcmasterfh.com

PARKER, Shirley J. (Holbrook)

Age 96, a lifelong resident of Winchester, Jan. 27, 2023. Beloved wife of the late Earl W. Parker, Jr. Loving mother of Jody Roy and her husband David, Carol Bouchard and her husband Bruce, all of Woburn, Scott Parker and his wife Sharon of Dracut. Dear sister of the late Arnold Holbrook and Marjorie Hayden. Also survived by 9 grandchildren, 10 great-grandchildren, a niece, and a great-nephew. Friends and family are kindly invited to gather for Visiting Hours at Costello Funeral Home, 177 Washington St., WINCHESTER, on Wed., Feb. 1 from 9-11AM. A Funeral Service will be held in the Funeral Home at 11AM. Burial will follow in Wildwood Cemetery, Winchester. In lieu of flowers, donations in her memory may be made to the American Heart Association, 300 5th Ave., Waltham, MA 02451, www.heart.org/massachusetts or to the Alzheimer's Association, 309 Waverley Oaks Rd., Waltham, MA 02452, www.alz.org/manh

www.costellofuneralhome.com

Paying tribute to your loved ones is important

To submit a paid death notice for publication in The Boston Globe and on Boston.com, contact your funeral director, visit boston.com/deathnotices or call 617.929.1500. Now offering custom headings and enhanced listings.

To submit an obituary for editorial consideration, please send the information and a photo by e-mail to obits@globe.com, or send information by fax to 617.929.3186. If you need further assistance about a news obituary, please call 617.929.3400.

To access death notices and obituaries online, visit boston.com/obituaries.

PELOQUIN, Adele Dolores

Age 94, died peacefully on January 24, 2023, surrounded by loved ones at her home in Sophia Snow Place, West Roxbury, MA. The devoted daughter of Aurora (Brault) and Horace Peloquin, she was predeceased by her brothers, Horace Peloquin (sister-in-law, Patricia), Leo E. Peloquin (sister-in law, Helen), sister, Rosemarie Finnegan (brother-in-law, John), and niece, Adele Finnegan. Adele never married, but she was never alone. She had many friends and a loving family around her. She will be dearly missed by her many nieces and nephews.

Adele was a devout congregant of the Holy Name Church, 1689 Centre St., West Roxbury, MA, and a Funeral Mass for her will be held there on Saturday, February 4th, at 10:30 am. The Mass will be preceded by a gathering at the Lawler & Crosby Funeral Home, 1803 Centre Street, at 9 am, for a Visitation and prayer. Following the Mass, Adele will be taken to her final resting place with her mother and father in Calvary Cemetery, 163 N. Cary Street, Brockton, MA. Complete obituary, livestream, and guestbook at lawlerfuneralhome.com

Lawler and Crosby Funeral Home
617-323-5600

PERLMUTTER, Bess (Resnick)

Bess (Resnick) Perlmutter of Canton, formerly of Newton and Stoughton, passed peacefully and surrounded by her beloved family on January 29, 2023 at 100 incredible years of age. Adored wife of the late Melvin Perlmutter, for 71 spectacular years of pure happiness and boundless love. Devoted mother of Janet and John Schwartz and Marsha and Carl Shapiro. Admired beyond belief and known lovingly as Grandma to her grandchildren and great-grandchildren, Laura and Adam Zaks, the late Todd Schwartz, Amy Schwartz Messina and Tony Messina, Jordanna Shapiro, Daniel Shapiro, Teddy, Ellie, Leo, Erin and Matty. Bess's children, grandchildren and great-grandchildren were her pride and joy and they could not have loved her more.

Bess was born in Boston on January 11, 1923 as the youngest child of two to Leah and Joe (Laika and Yovel) Resnick. Bess fondly recalled stories, in great detail, from her childhood and her days working as a young girl at her father's store in the South End where the importance of family was deeply instilled in her; a value she effortlessly shared with her beloved Melvie. While she missed him dearly since his passing, Bess spoke of Mel often, always with a smile, remembering their beautiful life together. Their first date was a blind date where he appeared at her front door and "he was shining" as she put it. They dined at Carl's Duck Farm where things went so wonderfully, they went there for their second date as well. Their love was one for the ages and Bess's family finds peace in knowing that they are reunited, happily eating ice cream, golfing and playing cards, together again.

For all those lucky enough to have known Bess or even for those who met her only briefly, you will surely remember some of her greatest lessons as she shared her views on the world quite openly. Live life to the fullest, eat all the things that are "absolutely delicious", there's something fabulous about "just a taste" of cold beer shared with good company, getting a manicure is about looking as good as you feel no matter your age, travel as much as possible while you can because the world is a beautiful place, laugh often, tell your loved ones what they mean to you at every chance you get, remember that family is the most important thing in life, and of course, have no regrets.

In lieu of a shiva, Bess wished for everyone to go for a walk to breathe in the fresh air, followed by enjoying a cocktail together to toast to her life well lived. Cheers to you, our Bessie, Bets, Dollface and "Sweethaht". Your memory will surely be a blessing and so much more.

For funeral information please visit: www.stanetskycanton.com. In honor of Bess, please consider making a donation to one of the organizations she cared deeply about: The Laboratory of Loren Walensky (Dana-Farber Cancer Institute, 450 Brookline Ave, Longwood Center 3216, Boston, MA 02215) and Hadassah: The Women's Zionist Organization of America (www.hadassah.org/donate).

www.Stanetskycanton.com
781-821-4600

RIGAMONTI, Geneva B. (Gregorio)

Of Wakefield, passed away on January 27, 2023 at the age of 104. Beloved wife of the late Alfred Rigamonti. Cherished sister of the late Mary C. Morin, Nicholas J. Gregorio, John A. Gregorio, Adeline J. Bennett, and Rose M. Johnson. Loving aunt of several nieces, nephews and grandnieces and nephews, great-grandnieces and nephews, and great-great-grandnieces and nephews. A Visitation will be held on Wednesday, February 1, 2023 at the Douglass, Edgerley and Bessom Funeral Home, 25 Sanborn St. (corner of Woburn St.), READING, from 9:30am to 10:30am, followed by a Mass of Christian Burial in St. Agnes Church, 186 Woburn St., Reading, at 11:00am. Burial to follow at Forest Glen Cemetery Reading. In lieu of flowers, contributions may be made in Geneva's memory to the American Cancer Society, 3 Speen St., Suite 250, Framingham, MA 01701. For directions and online guestbook, visit www.johnbdouglassfuneralhome.com

ROMANOS, Geraldine

See Enhanced Listing

RUBINO, Michael A., Ret. Massachusetts State Police

Age 77, of Wilmington, passed away peacefully on January 28, 2023.

Michael was the beloved husband of Lindsey J. (Nelson) Rubino; devoted father of Michael Rubino & wife Darcy of No. Andover, Jackie Rubino of Andover, and the late Allison Anne Rubino. Loving "Papa" of Amanda, Jesse, and Jack; cherished son of the late Antonio and Maria (Masiello) Rubino; dear brother of Carmen Rubino & wife Cathy of Middleton and John Rubino of Wilmington.

Visiting Hours: Family and friends will gather at the Nichols Funeral Home, 187 Middlesex Ave., WILMINGTON, MA, on Saturday, February 4th for Visitation from 9:00 - 11:00 a.m., followed by a Service to celebrate Michael's life at 11:00 a.m.

In lieu of flowers, please consider a donation in Michael's memory to St. Jude Children's Research Hospital, 501 St. Jude Place, Memphis, TN 38105.

Michael proudly served in the United States Air Force during the Vietnam Era.

Nichols Funeral Home
978-658-4744
www.nicholsfuneralhome.com

Have the talk of a lifetime

You talk about many things with your loved ones: from day-to-day details to big events. Sharing stories with those who matter most isn't just important today; it will be especially significant when it's time to honor and commemorate your lives.

Meaningful memorialization starts when loved ones talk about what matters most: memories made, lessons learned and how they hope to be remembered.

Download a free brochure and have the talk of a lifetime today. It can make the difference of a lifetime.

talkofalifetime.org

Massachusetts Funeral Directors Association

FAMIC Funeral and Memorial Information Council

YUNGHI KIM/GLOBE FILE 1994

Bands small and large found their way to Fort Apache Studios to record or engineer tracks. Above, Juliana Hatfield participated in a recording session at the studio in Cambridge..

Gary Smith, producer of the Pixies, other acts, dies at 64

▶SMITH
Continued from Page B1

you and your band and I wanted to make it louder,' " Hatfield said in an interview after Mr. Smith died. They met in the late 1980s, when she was performing with her early group Blake Babies.

"Gary took us seriously from the very first minute," she said. "That was so important to us, to feel like someone understood what we wanted to do. And he didn't want to change it. He just wanted to make it louder — metaphorically and otherwise — so other people could hear it."

An outpost distant from music hubs in New York and Los Angeles, Mr. Smith's Fort Apache Studios left a legacy that far exceeded its humble beginnings and even humbler surroundings.

The Pixies brought sleeping bags and camped out in in the studio's initial Roxbury location while Mr. Smith engineered the band's first demo tracks in 1987. "There were a lot of late-night drug deals going on outside," Thompson said. "When the sun went down, we locked ourselves in the building."

Drawn in part by Mr. Smith's hospitality in and out of studios in a Roxbury warehouse, and later in Cambridge, bands small and large found their way to Fort Apache to record or engineer tracks: Throwing Muses and Dinosaur Jr., Radiohead and the Lemonheads.

Mr. Smith provided "a nonthreatening, warm, enveloping environment," Hatfield said, and his presence in musicians' lives extended from the sound board to the dinner table to everything else. The meals he prepared were as memorable as time spent cutting tracks, and his friendship was a feast as well.

"He's just been a huge part of every key moment of my life," said Donelly, whom he persuaded to relocate to Boston when she and Throwing Muses needed to move beyond their Rhode Island beginnings.

"I can't imagine what my life would look like now without him in it, musically and personally," Donelly said, "and there are so many people who feel the same."

With his insistence on inspiring the whole person, not just the musician, Mr. Smith was a valuable studio asset.

"He had a great bedside manner," said Bragg, who formerly co-owned the studios with Mr. Smith. "He wasn't like a producer. He was more like a co-conspirator."

Mr. Smith, Bragg added, "was an encourager. He was a guy who made things happen; that was his real skill. He didn't only have ideas. Everybody has ideas, but not everybody has a way to make them happen. Gary could realize those ideas."

That encouragement of artists ultimately influenced musicians far beyond Boston. The legendary Kurt Cobain said he modeled the loud-quiet-loud hook in Nirvana's anthem "Smells Like Teen Spirit" on the Pixies' dynamic signature.

Meanwhile, the personal example that Mr. Smith set as a producer, manager, and friend resonated throughout the industry.

"I benefited enormously from our friendship. He was a really, really dear friend and I will miss him," said Glyn Johns, who has produced or engineered tracks and albums for bands including the Rolling Stones, the Eagles, and Led Zeppelin.

WENDY MAEDA/GLOBE STAFF FILE/1995

Mr. Smith was known for cultivating each musician's creativity and discovering what was special in each song.

While Mr. Smith "obviously was a businessman and had to make a living," Johns said, "he was driven by helping others far more than himself."

Born in Newport, R.I., on March 28, 1958, Gary Smith was the younger of two brothers whose parents, Marie Pinto Smith and Michael James Smith, were teachers.

Mr. Smith had no immediate survivors. His father died long ago, his mother last year, and his brother, Michael Jr., in 2017.

In high school, Mr. Smith began playing guitar in rock bands. He studied philosophy at Colby College in Maine before traveling and then settling in Boston, where he initially ran errands for Moshe Safdie's architectural firm.

When Mr. Smith began working at Fort Apache, he quickly developed his approach to cultivating each musician's creativity and discovering what was special in each song.

It was important to assemble the sounds of voices and instruments "organically and not think of the elements as independent," he told the Globe in 1995. "I think of the sound as a totality. First you get the whole band together, then invent a beautiful sound."

"He always kind of looked me in the eye like, 'Eh, don't think about it too much. Just do it,' " Thompson said. "He knew if we did what we were doing in the clubs he would capture something cool."

Thompson, who has performed as Frank Black and Black Francis, said Mr. Smith "allowed us to retain our naiveté. He didn't change any of that. He knew what we were and said, 'Let's capture this.' "

Mr. Smith "was funny, he was discerning, he cared about right and wrong," Hatfield said, "and at the same time he had this constant sense of awe and wonder at the wonderfulness of the world. I feel that's a really good world view, to hold the righteous anger, which is totally justified, and also recognize the beauty."

Donelly said Mr. Smith "had this great way of making you feel that your song was amazing and was going to get there, while also saying, 'Do we need this part? And are you sure this is the note?' — but always in the spirit of a team player, not somebody standing outside of the song. And it was always song by song for him."

More than 20 years ago, Mr. Smith bought a farm in Walpole, N.H., and launched businesses across the Connecticut River in Bellows Falls, Vt.: a new home for Fort Apache, community radio station WOOL-FM, and Popolo, an Italian farm-to-table restaurant.

As he kept managing and producing musicians, his circle of close friends expanded so far that dozens were part of phone and text chains, sharing updates on his health.

"He was good at building community," Bragg said.

Mr. Smith's friends will announce a gathering to celebrate his life and his career of helping songs transcend the sum of their words and notes.

"He had a certain aesthetic for what he thought music should do, and it was more than to just make money and sell records," Bragg said. "Gary wanted to make the kind of music that, if it didn't change the world, then your world could be changed by listening to it."

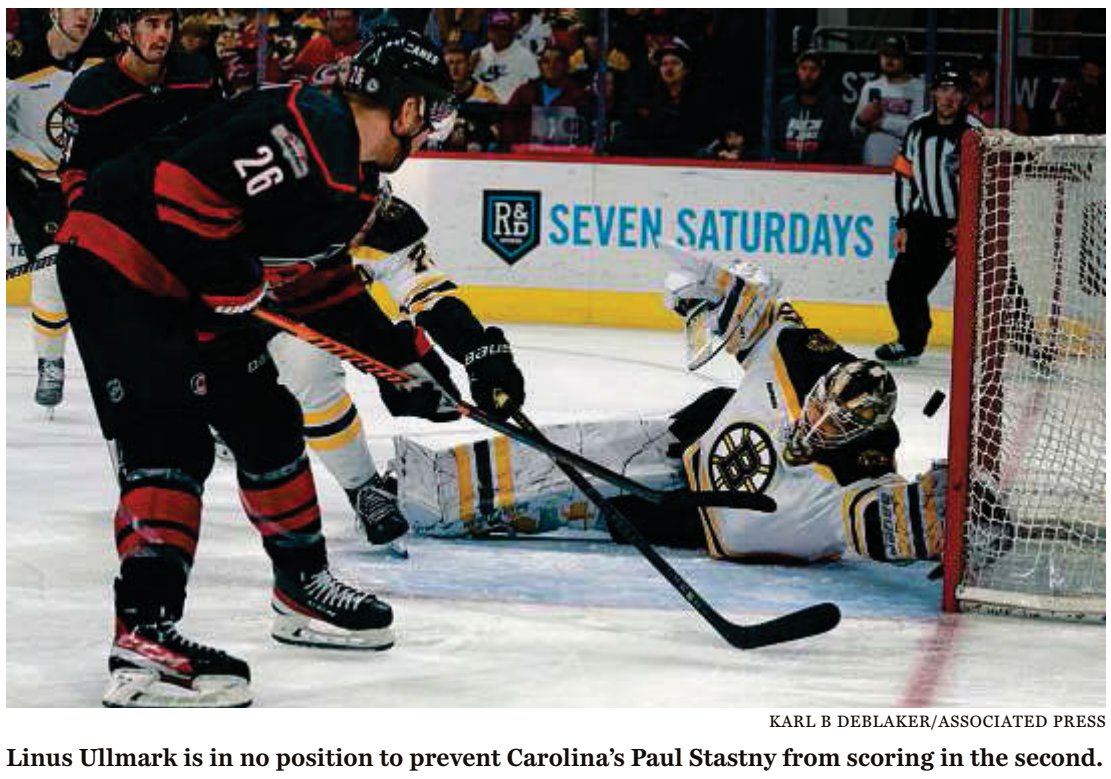
Bryan Marquard can be reached at bryan.marquard@globe.com.

TV HIGHLIGHTS

Women's college basketball: Tennessee-LSU, 7 p.m., ESPN2
Men's college basketball: Virginia-Syracuse, 7 p.m., ESPN
Men's college basketball: Baylor-Texas, 9 p.m., ESPN
Men's college basketball: Iowa State-Texas Tech, 9 p.m., ESPN2
Listings, C7

Sports

THE BOSTON GLOBE MONDAY, JANUARY 30, 2023 | BOSTONGLOBE.COM/SPORTS



KARL B DEBLAKER/ASSOCIATED PRESS

Linus Ullmark is in no position to prevent Carolina's Paul Stastny from scoring in the second.

Bruins' power outage leads to another loss

By Kevin Paul Dupont
GLOBE STAFF

Hurricanes 4
Bruins 1

RALEIGH, N.C. — The hottest team in Bruins history ventured south late last week and caught a troublesome chill, one that burrowed deeper into their bones here Sunday night with a 4-1 loss to the Hurricanes that left the Black and Gold with a season-worst three game losing streak.

Sebastian Aho, Paul Stastny, and Seth Jarvis all scored before Taylor Hall finally short-circuited Frederik Andersen's shutout bid at 3:22 of the third period with his 15th goal this season.

Hurricanes captain Jordan Staal then connected into an empty net, outracing David Pastrnak in the process for the final strike — the knockout punch to an outing that saw a risible Bruins power play go 0 for 6, rarely mounting a solid scoring bid and eventually resorting to fruitless dump-ins on the entry that the fleet-footed Hurricanes easily broomed out of the zone.

Four months into the 82-game schedule, and, voila, the Bruins have arrived at their first real test point of the season.

"We talked about facing adversity at some point during the year, and here we are," said Bruins captain Patrice Bergeron. "We have to face that as a team together. We'll roll up our sleeves now and learn from what hasn't been there in the last few games."

After opening their five-game trip with a win

BRUINS, Page C2

SUPER BOWL LVII Philadelphia vs. Kansas City, Sunday, Feb. 12, 6:30 p.m., at Glendale, Ariz. (Fox)

Rough road

BEN VOLIN
ON FOOTBALL

Mahomes's true grit will long be remembered

Instant analysis from Sunday's NFC and AFC Championship games:

■ Patrick Mahomes won an MVP and a Super Bowl before turning 26, but no victory may do more to boost his legacy than his heroic performance in Sunday night's 23-20 win over the Bengals in the AFC Championship game.

Playing on a right high ankle sprain suffered only eight days prior, and playing with several of his top receivers out with injuries, Mahomes threw for 326 yards, two touchdowns, and no interceptions. But it wasn't just the stats; Mahomes played through pain and gutted out a victory against perhaps the best team in the NFL.

Mahomes still made several impressive throws and flips on the run, displaying his trademark razzle dazzle despite being clearly limited with his mobility. He was sacked just three times in 49 pass plays, and was clutch in crunch time.

Mahomes was able to step up in the pocket and throw a 19-yard dart to Marques Valdez-Scantling for a touchdown, stepped up and made another big 25-yarder to Valdez-Scantling, and then won the game with a 5-yard scramble on third and 4, which drew the Joseph Ossai personal foul to put the Chiefs in range for the winning field goal.

Mahomes played like a warrior, and his win on a high ankle sprain will go down as one of the gutsier in NFL lore.

■ Joe Burrow also played like a champion in defeat. He and the Bengals started slow — zero total yards and three sacks allowed in the first quarter — but came roaring back in the second and third, and gave themselves a chance to win.

Burrow finished with 270 yards, a touchdown, and two interceptions, but made several unbelievable plays — a

ON FOOTBALL, Page C4

SETH WENIG/ASSOCIATED PRESS

The moment Eagles linebacker Haason Reddick connected with Brock Purdy's right elbow in the first quarter, the 49ers' fortunes changed.

Eagles romp; 49ers undone by injuries

By Dan Gelston
ASSOCIATED PRESS

Eagles 31
49ers 7

PHILADELPHIA — Jalen Hurts can conduct a singalong about as well as he can orchestrate the kind of punishing scoring drives that sent the Eagles into the Super Bowl.

At the end of one more triumph, Hurts stood on the stage on the field — as his Eagles teammates passed around the NFC championship trophy — and clutched a microphone in front of what was suddenly Philadelphia's largest karaoke joint. His rendition of the team fight song was a tad off-key.

Hurts may not sing as well as he can score, but it was another memorable moment in a season full of them. And the Eagles don't believe they're done yet.

NFC CHAMPIONSHIP, Page C5

BRYNN ANDERSON/ASSOCIATED PRESS

Harrison Butker's field goal ignited the fireworks.

Chiefs advance after last-second penalty

By Dave Skretta
ASSOCIATED PRESS

Chiefs 23
Bengals 20

KANSAS CITY, Mo. — Patrick Mahomes was forced to rely on his badly sprained right ankle rather than his strong right arm when the Kansas City Chiefs were desperately driving with a chance to win the AFC Championship game.

The All-Pro quarterback, missing three wide receivers to injuries and battered himself, took off on a third-down play near midfield in another gut-check game with the Cincinnati Bengals. Mahomes strained to reach the mark he needed and was headed out of bounds when he felt the hands of Joseph Ossai send him sprawling into the bench.

The mad dash, coupled with the 15-yard penalty

AFC CHAMPIONSHIP, Page C4

INSIDE

Coach's corner
Belichick finds teaching moments at Shrine practices. **C4**

Thrown for loop
Red Sox have lots of starting pitchers — and questions. **C5**

Picture this
James (above), Lakers done in by referees' missed call. **C6**

Djokovic wins record 10th Australian Open

By Matthew Futterman
NEW YORK TIMES

MELBOURNE — Novak Djokovic came to Australia with a mission or, really, a series of them.

To win the championship he had won nine times once more.

To win a 22nd Grand Slam men's singles title and draw even with rival Rafael Nadal at the top of that list.

To remove any doubt anyone might have about whether he remains the world's dominant player — the most commanding player of the last decade and now this one, too.

To show the world that the only way to keep him from winning nearly any tennis tournament is to not let him play.

Check. Check. Check. And check.

A year after Australia deported him over his refusal to be vaccinated against COVID-19, Djokovic reclaimed the Grand Slam title he has won more than any other, capturing a record 10th championship at the Australian Open by beating Stefanos Tsitsipas, 6-3, 7-6 (7-4), 7-6 (7-5) on Sunday.

After one last forehand off Tsitsipas's racket floated long to end a match that felt lopsided despite the two tiebreakers, Djokovic turned and stared at his family and coaches sitting in his box. He pointed to his head, his heart, and then just below his waistband, letting the world in on his team's code language and telling it that winning Sunday took everything he had.

"It takes a big heart, mental strength, and the other thing as well," he said with a laugh once the night had turned into the early morning.

He wore a jacket emblazoned with a bright number 22 just under the right side of his collarbone and called this triumph "the biggest victory in my life."

AUSTRALIAN OPEN, Page C6

NG HAN GUAN/ASSOCIATED PRESS

Novak Djokovic reclaimed the men's No. 1 ranking by winning the Australian Open.

NHL

EASTERN CONFERENCE

ATLANTIC	GP	W	L	OL	Pts.	ROW	GF	GA
Boston	50	38	7	5	81	36	187	109
Toronto	51	31	12	8	70	31	173	136
Tampa Bay	48	32	15	1	65	31	175	141
Buffalo	49	26	19	4	56	25	185	165
Florida	52	24	22	6	54	23	178	183
Detroit	48	21	19	8	50	20	145	160
Ottawa	49	23	23	3	49	22	146	155
Montreal	50	20	26	4	44	16	130	184
METROPOLITAN	**GP**	**W**	**L**	**OL**	**Pts.**	**ROW**	**GF**	**GA**
Carolina	49	32	9	8	72	29	163	131
New Jersey	49	32	13	4	68	31	171	131
NY Rangers	49	27	14	8	62	25	157	129
Washington	52	26	20	6	58	25	162	149
Pittsburgh	49	24	16	9	57	23	161	153
NY Islanders	52	25	22	5	55	25	148	144
Philadelphia	51	21	21	9	51	21	142	162
Columbus	50	15	32	3	33	14	128	194

WESTERN CONFERENCE

CENTRAL	GP	W	L	OL	Pts.	ROW	GF	GA
Dallas	51	28	13	10	66	27	173	133
Winnipeg	51	31	19	1	63	31	162	135
Minnesota	48	27	17	4	58	23	151	138
Colorado	48	27	18	3	57	23	151	133
Nashville	48	24	18	6	54	22	137	141
St. Louis	50	23	24	3	49	20	154	181
Arizona	50	16	28	6	38	14	131	177
Chicago	48	15	29	4	34	15	118	176
PACIFIC	**GP**	**W**	**L**	**OL**	**Pts.**	**ROW**	**GF**	**GA**
Seattle	49	29	15	5	63	29	177	151
Vegas	51	29	18	4	62	26	160	148
Los Angeles	52	28	18	6	62	24	169	178
Edmonton	50	28	18	4	60	28	187	162
Calgary	50	24	17	9	57	23	157	152
Vancouver	49	20	26	3	43	17	165	193
San Jose	51	15	25	11	41	14	157	196
Anaheim	50	16	29	5	37	13	125	205

ROW — Regulation plus overtime wins

SUNDAY'S RESULTS

At Carolina 4	Boston 1	At Toronto 5	Washington 1

MONDAY'S GAME

St. Louis at Winnipeg 8

SATURDAY'S RESULTS

At Florida 4	Boston 3 (OT)	At NY Islanders 2	Vegas 1 (OT)
At Colorado 4	St. Louis 2	At Minnesota 3	Buffalo 2 (SO)
Philadelphia 4	at Winnipeg 0	At Edmonton 7	Chicago 3
San Jose 6	at Pittsburgh 4	At Seattle 3	Columbus 1
At Tampa Bay 5	Los Angeles 2	At Anaheim 2	Arizona 1 (OT)
At Ottawa 5	Montreal 0		

MAPLE LEAFS 5, CAPITALS 1

Washington	1	0	0	— 1
Toronto	0	4	1	— 5

First period — 1. Washington, Backstrom 1 (Johansson, Sheary), 17:17 (pp). Penalties — Eller, Was (interference on the goaltender), 12:01. Giordano, Tor (holding), 12:01. Kerfoot, Tor (tripping), 16:15.

Second period — 2. Toronto, Bunting 15 (Tavares, Marner), 1:29 (pp). 3. Toronto, Rielly 1 (Bunting, Tavares), 7:00. 4. Toronto, Nylander 28 (Jarnkrok, Sandin), 10:45. 5. Toronto, Engvall 10 (Brodie, Kampf), 14:20. Penalties — Aube-Kubel, Was (holding), 0:41. Holl, Tor (closing hand on puck), 1:45. Sandin, Tor (high stick), 17:31.

Third period — 6. Toronto, Aston-Reese 5 (Holmberg, Giordano), 16:47. Penalties — Gustafsson, Was (hooking), 6:37. Simmonds, Tor (slashing), 17:12.

Shots on goal — Washington 7-12-5 — 24. Toronto 10-13-4 — 27.

Power plays — Wash. 1-4; Tor. 1-2.

Goalies — Washington, Kuemper 15-14-4 (20 shots-16 saves). Washington, Lindgren 11-6-2 (7 shots-6 saves). Toronto, Samsonov 17-5-2 (24 shots-23 saves).

Referees — Marc Joannette, Wes McCauley. Linesmen — Mark Shewchyk, Jonathan Deschamps.

T — 2:19.

DUCKS 2, COYOTES 1

Saturday night game

Arizona	1	0	0	— 1
Anaheim	0	1	0	1 — 2

First period — 1. Arizona, Ritchie 9 (Fischer, Boyd), 16:21. Penalties — Ritchie, Ari (roughing), 12:27. Hayton, Ari (holding), 19:45.

Second period — 2. Anaheim, Jones 4 (Klingberg, Vaakanainen), 12:32. Penalties — Carrick, Anh (cross check), 9:12. Chychrun, Ari (tripping), 10:03. Ingram, Ari, served by Maccelli (tripping), 13:28. Henrique, Anh (high stick), 13:37. Zegras, Anh (roughing), 13:37. Zegras, Anh (misconduct), 13:37. Hayton, Ari (roughing), 13:37.

Third period — None. Penalties — Strome, Anh (tripping), 1:38. Klingberg, Anh (roughing), 4:39.

Overtime — 3. Anaheim, Zegras 18 (Klingberg), 3:34. Penalties — None.

Shots on goal — Arizona 10-6-16-2 — 34. Anaheim 16-19-6-4 — 45.

Power plays — Ariz. 0-4; Ana. 0-4.

Goalies — Arizona, Ingram 3-11-2 (45 shots-43 saves). Anaheim, Gibson 10-20-4 (34 shots-33 saves).

Referees — Tom Chmielewski, Reid Anderson. Linesmen — Bevan Mills, Brandon Gawryletz.

A — 16,126 (17,174). T — 2:39.

OILERS 7, BLACKHAWKS 3

Saturday night game

Chicago	0	1	2	— 3
Edmonton	1	4	2	— 7

First period — 1. Edmonton, Barrie 6 (Nugent-Hopkins, McDavid), 5:20 (pp). Penalties — SeJones, Chi (interference), 4:57. Edm, served by Kostin (too many men on ice), 15:05.

Second period — 2. Chicago, Dickinson 7 (Kane, Kurashev), 5:25. 3. Edmonton, Draisaitl 29 (McDavid, Nugent-Hopkins), 6:37 (pp). 4. Edmonton, Barrie 7 (Hyman, Nurse), 12:15. 5. Edmonton, McDavid 41 (Draisaitl, Hyman), 13:12. 6. Edmonton, Hyman 26 (McLeod, Nurse), 14:48. Penalties — IanMitchell, Chi (hooking), 6:04. Nurse, Edm (tripping), 9:39. Lafferty, Chi, major (fighting), 12:01. Kulak, Edm, major (fighting), 12:01. CaJones, Chi (holding), 18:34.

Third period — 7. Chicago, Toews 14 (Kane, Raddysh), 8:29 (pp). 8. Edmonton, Kane 6 (Draisaitl), 8:41. 9. Edmonton, McLeod 8 (Nurse), 11:48. 10. Chicago, Raddysh 14 (Domi), 14:47. Penalties — Puljujarvi, Edm (hooking), 7:50.

Shots on goal — Chicago 8-10-11 — 29. Edmonton 8-19-16 — 43.

Power plays — Chicago 1-3; Edmonton 2-3.

Goalies — Chicago, Mrazek 5-13-1 (43 shots-36 saves). Edmonton, Berlin 0-0-0 (1 shots-1 saves). Edmonton, Campbell 15-8-1 (28 shots-25 saves).

Referees — Jake Brenk, Chris Schlenker. Linesmen — Steve Barton, Ryan Daisy.

A — 18,347 (18,347). T — 2:33.

KRAKEN 3, JACKETS 1

Saturday night game

Columbus	0	1	0	— 1
Seattle	1	1	1	— 3

First period — 1. Seattle, Geekie 5 (Tanev, Soucy), 8:40. Penalties — Gudbranson, Cls (cross check), 20:00.

Second period — 2. Seattle, Wennberg 10 (Eberle, McCann), 8:33. 3. Columbus, Johnson 10 (Roslovic), 18:58. Penalties — Tanev, Sea (slashing), 13:18. Kuraly, Cls (hooking), 19:25.

Third period — 4. Seattle, Tolvanen 10 (Bjorkstrand), 5:39. Penalties — Wennberg, Sea (tripping), 0:52.

Shots on goal — Columbus 4-9-12 — 25. Seattle 12-15-4 — 31.

Power plays — Columbus 0-2; Seattle 0-2.

Goalies — Columbus, Merzlikins 5-14-0 (31 shots-28 saves). Seattle, Grubauer 5-8-2 (25 shots-24 saves).

Referees — Furman South, Peter MacDougall. Linesmen — Matt MacPherson, CJ Murray.

A — 17,151 (17,100). T — 2:31.

PREMIER HOCKEY FEDERATION

Pride in spotlight at All-Star Showcase

By Christopher Price
GLOBE STAFF

The Premier Hockey Federation All-Star Showcase, held Sunday in Toronto, had a distinctly Boston flair.

The Pride had nine players competing, and many of them had key roles in the four-game, round-robin, including Loren Gabel (who had three goals) and goalie Corinne Schroeder (who posted two wins) competing for Team Canada.

The night culminated with a championship showdown between Team Canada and Team World, with the Canadians scoring a pair of late goals to secure a 3-2 win and the title.

In the opener, Gabel notched the first goal of the night, but Patti Marshall of Team USA tied it late, beating Schroeder. In the end, Team Canada came away with the shootout win after Brittany Howard netted the winner to make it 2-1, while Schroeder denied Jonna Albers of Team USA.

In the second game, Gabel got Team Canada on the board early, but a pair of goals from Team World were the difference in the 2-1 contest.

Team World jumped on Team USA early in the third game, as Fanni Gasparics (who finished the series with four goals) scored twice. Team USA drew within one when Boston's Jillian Dempsey fed Taylor Girard to make it 2-1. But soon after that, Gasparics finished the hat trick with a wrister that beat netminder Abbie Ives stick side. Sydney Brodt made it 3-2 and Team USA pulled the goalie for an extra attacker, but could get no closer.

The final contest saw more from Gasparics, who gave Team World a 1-0 the lead at the 8:27. mark. Roughly three minutes later, Gabel fed Howard for the tying goal. The teams traded tallies, as Team World took the lead again, but Gabel's tying goal made it 2-2 shortly after that. That set the stage for Jane Downie-Landry, who scored the winner with 2:43 left for the Canadians.

BRUINS NOTEBOOK

Blocked shot can't stop Frederic

By Kevin Paul Dupont
GLOBE STAFF

RALEIGH, N.C.— Hobbled when blocking a shot Saturday night in Sunrise, Fla., Bruins forward **Trent Frederic** was back in the lineup Sunday, but not without first having to test his pain tolerance in the warm-up at PNC Arena.

Frederic, 24, exited late in the first period in Sunrise on Saturday and did not return, leaving coach **Jim Montgomery** with only 11 forwards for the rest of the night. The Bruins did not practice here Sunday morning — a slight break in tradition — and did not know if Frederic would be good to go until the pregame twirl.

"It's a pain tolerance thing there," Montgomery said late in the afternoon, prior to Frederic making his way through the warm-up.

"We just don't know right now if he'll play or not."

Frederic, limited to only 1:45 in ice time vs. the Panthers, opened at right wing on a No. 3 trio that had **Nick Foligno** at left wing and **Charlie Coyle** at center. Any doubt about his skating viability was erased at the 18:00 mark when he went about 140 feet on a backcheck and poked the puck away from **Jesperi Kotkaniemi**.

Frederic logged 10 shifts and 5:36 TOI in the first period alone. He finished the 4-1 loss to the Hurricanes with 21 shifts, 14:21 TOI, and landed two shots on net.

Burns on target

Defenseman **Brent Burns** suited up for his 1,300th regular-season game, only 49 of those working in a Hurricanes uniform. The 37-year behemoth (6 feet 5 inches, 230 pounds) was flipped to Carolina last summer as part of San Jose's paring down payroll and remaking the Sharks.

"It's better than I actually expected," said Hurricanes coach **Rod Brind'Amour**, asked about Burns's impact since joining the club. "Because to get a guy with that experience and age — someone who's done almost everything individually — to come in and act almost like a rookie as far as wanting to learn and be great every day."

Burns, who entered the league playing both forward and defense with the Wild, ranked fourth in Hurricanes scoring with an 8-15—33 line entering the night. In his 1,299 NHL games prior to the matinee, his career line read: 235-575—810. He added an assist to his curriculum vitae, picking up the secondary helper on **Paul Stastny's** goal that made it 2-0.

"He comes in, wants video . . . you know, he's not set in his ways," noted Brind'Amour. "He wants to get better, and he wants to do it the way we want to do it — that's been refreshing for me."

Montgomery saw a lot of Burns in his prior coaching tours in Dallas and St. Louis during Burns's final four seasons with the Sharks.

"He's been an incredibly productive All-Star and he's had a great career," said Montgomery. "Kudos to him."

Burns ranks among the game's best at getting shots on net from long range, something most blue liners, of all ages, struggle to do against defenses fine-tuned to close off shooting lanes. Burns, similar to **Brad Park** years ago, has a knack for finding the target.

"Probably has the best release of any defenseman ever," praised Montgomery. "His stick comes about a foot off the ice and there's a lot of pace on [the shot]. "That's why he gets it through."

Panthers 4, Bruins 3

Saturday night game
At FLA Live Arena, Sunrise, Fla.
FIRST PERIOD
Penalty — Boston, Foligno (roughing) 7:50
Penalty — Florida, Lomberg (roughing) 7:50
Penalty — Boston, Marchand (holding) 8:26
Penalty — Florida, Bennett, double minor (high stick) 12:12
Boston 1, Florida 0 — Smith 3 16:50
SECOND PERIOD
Penalty — Florida, Verhaeghe (interference) 6:20
Florida 1, Boston 1 — Montour 10 (Barkov, Tkachuk) 8:55
Penalty — Florida, Smith (high stick) 13:20
Boston 2, Florida 1 — Coyle 11 17:55
THIRD PERIOD
Florida 2, Boston 2 — Bennett 12 (Gudas) 8:29
Boston 3, Florida 2 — Pastrnak 38 (Grzelcyk, Krejci) 19:11
Florida 3, Boston 3 — Barkov 14 (Ekblad, Tkachuk) 19:57
No penalties
OVERTIME
Florida 4, Boston 3 — Reinhart 17 (Barkov, Lundell) 0:17
No penalties

SCORE BY PERIOD

Boston	1	1	1	0	— 3
Florida	0	1	2	1	— 4

SHOTS BY PERIOD

Boston	17	17	6	0	— 40
Florida	9	14	13	1	— 37

Power plays — Boston 0 of 4; Florida 0 of 1.
Goalies — Boston, Swayman 12-3-4 (37 shots-33 saves). Florida, Lyon 3-2-1 (40 shots-37 saves).
Referees — Carter Sandlak, Kevin Pollock. **Linesmen** — Scott Cherrey, Tyson Baker.
Attendance — 18,058 (19,250). **Time** — 2:42.

Defense slows pace

After a Jan. 14-22 run in which Bruins defensemen connected for seven goals across five games, the blue liners shot blanks in the three games prior to taking on the Hurricanes.

Headed into the matinee, Black-and-Gold blue liners had collected 22 goals across 49 games. The Bruins were 16-1-0 in the games at least one of the guys back there put one in the net. The sole loss, 5-2, was Nov. 23 at Florida, where **Charlie McAvoy** and **David Pastrnak** scored the goals.

Hampus Lindholm (6-26—32) tops the scoring charts for Bruins defensemen this season and is on the verge of eclipsing the career-best 7-27—34 line he produced his sophomore season (2014-15) with the Ducks. The backliners again were blanked Sunday, although McAvoy picked up the second assist on the lone Bruins goal by **Taylor Hall**.

Desperate measures

The Bruins carried a 2-1 lead into the third period Saturday night at Sunrise, the 28th time this season they held the edge at the 40:00 mark, only to suffer a 4-3 overtime defeat.

It was only the second time the Bruins didn't walk out with 2 points at the end of the night, leaving them with a 26-0-2 mark — still by far the best in the league.

Their only other overtime loss this season when leading after two periods: a 3-2 shootout defeat at the hands of the Los Angeles Kings Dec. 15 at TD Garden.

The OT loss in Sunrise was also only the second time in 26 games this season (24-0-2) the Bruins didn't record a W when holding the opposition to 00:00 in lead time.

Was Saturday's loss a case of mental fatigue?

"I don't think it was that," said Montgomery. "Teams we're facing are playing with a lot of desperation and we have to match that desperation. To me, that's a game we close out three weeks ago, and we didn't close it out because teams are fighting for their playoff lives. Florida's battling and Tampa [two nights earlier] . . . clearly, that's two third periods we lose, and that hasn't happened to us."

Kevin Paul Dupont can be reached at kevin.dupont@globe.com.

KARL B DEBLAKER/ASSOCIATED PRESS

Brad Marchand jumps to get out ot the way of a teammate's shot at Carolina goalie Frederik Andersen, who made 24 saves for the win.

Power outage leads to another loss

▶BRUINS
Continued from Page C1

in Montreal, the Bruins were rubbed out Thursday in Tampa and then Saturday in Sunrise, Fla., where they lost, 4-3, on a night when they never trailed the Panthers until Sam Reinhart's shot zipped by Jeremy Swayman 17 seconds into overtime.

The story here Sunday, where the Hurricanes edged them in four postseason games last spring, was different.

The Bruins were sluggish from the first puck drop, never held a lead, and time and time again played pylons to a Hurricanes track meet. If not for Linus Ullmark's stout work in net over the first 40 minutes, what was a 3-0 deficit at the 40:00 mark easily could have been twice that or more.

"You know what, it really doesn't matter in the end," said Ullmark, when considering the 25 stops he made in the first two periods alone.

"You have to rely on your goaltender to make saves — unfortunately, I didn't do that today."

Ullmark, who finished with 32 saves, now has suffered back-to-back losses for the first time and is a stellar 25-4-1 for the season. He remains the obvious favorite to win the Vezina Trophy as this season's top stopper.

The Hurricanes, with a lopsided 28-15 shot advantage over the first two periods, doubled their lead to 2-0 with Stastny's power-play strike 12:05 into the second period, only five seconds after a faceoff in the Bruins' end.

Stastny connected with a backhand chip at the right post after a Martin Necas drive off the left point went wide left, bounced off the rear wall, and ricocheted directly to the oncoming Stastny.

"Overplayed the shot," said Ullmark. "I thought it was going to pop out on the same side. Once I realized it popped out on the other side I just tried to throw something in there. He made a good shot."

Little went right for the Bruins across the opening 40:00, but they were particularly bad, even awful at times, on the power play. They were awarded four PPs in the first two periods and managed but three shots — none a serious threat on Andersen.

As the power plays grew worse, the Bruins resorted to simple puck dumps into the offensive end, rather than to try to make plays into the offensive end. It's a simple, common strategy, especially on nights when a team is fighting the puck or faced with strong PK resistance.

Hurricanes 4, Bruins 1

At PNC Arena, Raleigh, N.C.
FIRST PERIOD
Penalty — Boston, Foligno (slashing) 5:02
Carolina 1, Boston 0 — Aho 21 10:52
Penalty — Carolina, Aho (interference) 12:27
SECOND PERIOD
Penalty — Carolina, Skjei (interference) 1:32
Penalty — Carolina, Pesce (delay of game) 5:37
Penalty — Carolina, de Haan (tripping) 8:13
Penalty — Boston, Forbort (cross check) 11:00
Penalty — Boston, Marchand (roughing) 12:00
Penalty — Carolina, Svechnikov (roughing) 12:00
Carolina 2, Boston 0 — Stastny 4 (Necas, Burns) 12:05 (pp)
Penalty — Boston, McLaughlin (holding) 12:31
THIRD PERIOD
Carolina 3, Boston 0 — Jarvis 8 1:57
Carolina 3, Boston 1 — THall 15 (Zacha, McAvoy) 3:22
Penalty — Boston, Pastrnak (interference) 8:17
Penalty — Carolina, Skjei (interference) 11:47
Penalty — Carolina, Kotkaniemi (holding) 15:24
Carolina 4, Boston 1 — Staal 13 (Martinook) 15:40 (en)

SCORE BY PERIOD

Boston	0	0	1	—	1
Carolina	1	1	2	—	4

SHOTS BY PERIOD

Boston	7	8	10	—	25
Carolina	15	13	8	—	36

Power plays — Boston 0 of 6; Carolina 1 of 4.
Goalies — Boston, Ullmark 25-4-1 (35 shots-32 saves). Carolina, Andersen 10-3-0 (25 shots-24 saves).
Referees — Michael Markovic, Jon McIsaac. **Linesmen** — Michel Cormier, Derek Nansen.
Attendance — 18,959 (18,680). **Time** — 2:32.

But to make matters all the worse, the Bruins consistently made poor puck dumps, the result of which saw the Hurricanes easily get the puck out of the zone, or at least prevent the Bruins from creating a serious scoring threat.

Had the late, great Ned Martin been at the microphone, we would have heard him mutter, "Mercy!"

"Not in real good places," said Bruins coach Jim Montgomery, noting the failed dumps. "Most importantly, our puck support wasn't real good on them. They had two to our one [players getting to pucks] all night long.

"When things aren't going well, how are we going to dig ourselves out? We're going to dig ourselves out by staying together. And we are going to dig ourselves out with better execution with everything we do."

They get their first chance to reset Wednesday night in Toronto, where they face the Maple Leafs, and then start a long vacation. One they so obviously need.

Kevin Paul Dupont can be reached at kevin.dupont@globe.com.

Auto Dealer Directory

Alfa Romeo

Herb Chambers Alfa Romeo of Boston*
525 Boston Post Road, Rte 20, Wayland
888-379-9853
alfaromeoofboston.com

Herb Chambers Alfa Romeo of Millbury*
2 Latti Farm Road, Rte 20, Millbury
877-875-5491
herbchambersalfaromeo.com

Herb Chambers Alfa Romeo of Warwick
1441 Bald Hill Road, Rt. 2, Warwick, RI
401-262-2020
herbchambersalfaromeoofwarwick.com

Audi

Audi Brookline Herb Chambers*
308 Boylston Street, Rte 9, Brookline
855-889-0843
audibrookline.com

Audi Burlington Herb Chambers*
62 Cambridge Street, Rte 3A, Burlington
855-845-0576
audiburlington.com

Bentley

Bentley Boston, a Herb Chambers Company*
533 Boston Post Road, Rte 20, Wayland
866-268-3950
bentleyboston.com

BMW

Herb Chambers BMW of Boston*
1168 Commonwealth Ave, Boston
866-803-9622
herbchambersbmwofboston.com

Herb Chambers BMW of Medford*
Service & Certified Pre-Owned
60 Mystic Avenue, Medford, MA 02155
617-397-3630
www.herbchambersbmwmedford.com

Herb Chambers BMW of Sudbury*
128 Boston Post Road, Rte 20, Sudbury
866-483-1828
bmwofsudbury.com

Cadillac

Herb Chambers Cadillac-Lynnfield*
395 Broadway, Rte 1 N, Lynnfield
866-233-8937
herbchamberscadillaclynnfield.com

Herb Chambers Cadillac-Warwick*
1511 Bald Hill Road, Rte 2, Warwick, RI
877-206-0272
herbchamberscadillacofwarwick.com

Chevrolet

Best Chevrolet*
128 Derby St, Exit 15 off Rte 3,
Hingham
800-649-6781
bestchevyusa.com

Herb Chambers Chevrolet*
90 Andover St, Rte 114, Danvers
877-206-9418
herbchamberschevrolet.com

Mirak Chevrolet*
1125 Massachusetts Ave, Arlington
781-643-8000
mirakchevrolet.com

Chrysler

Herb Chambers Chrysler-Danvers*
107 Andover St, Rte 114, Danvers
877-831-2139
herbchamberschryslerofdanvers.com

Chrysler

Herb Chambers Chrysler-Millbury*
2 Latti Farm Rd, Rte 20, Millbury
888-293-8449
herbchamberschryslerofmillbury.com

Kelly Chrysler*
353 Broadway, Route 1 North, Lynnfield
781-581-6000
kellyjeepchrysler.net

Dodge

Herb Chambers Dodge of Danvers*
107 Andover St, Rte 114, Danvers
877-831-2139
herbchamberschryslerofdanvers.com

Herb Chambers Dodge of Millbury*
2 Latti Farm Rd, Rte 20, Millbury
888-293-8449
herbchamberschryslerofmillbury.com

Fiat

Herb Chambers Fiat of Danvers*
107 Andover Street, Rte 114, Danvers
877-831-2139
herbchamberschryslerofdanvers.com

Herb Chambers Fiat of Millbury*
2 Latti Farm Road, Rte 20, Millbury
877-875-5491
herbchambersfiat.com

Ford

Colonial Ford of Marlboro
428 Maple St, Marlboro, MA
888-201-6427
ColonialFordofMarlboro.com

Colonial Ford of Plymouth
11 Pilgrim Hill Rd, Plymouth, MA
855-398-6813
ColonialFord.com

Herb Chambers Ford of Braintree*
75 Granite Street, Rte 37, Braintree
855-298-1177
herbchambersfordofbraintree.com

Herb Chambers Ford-Westborough*
310 Turnpike Rd, Rte 9, Westborough
877-207-6736
herbchambersfordofwestborough.com

Kelly Ford*
420 Cabot Street, Rte 1A, Beverly
978-922-0059
shopkellyford.com

Genesis

Herb Chambers Genesis*
735 Southbridge St, Rte 12 & 20, Auburn
877-287-9139
herbchambersgenesisofauburn.com

Mirak Genesis
1165 Massachusetts Ave, Arlington
781-643-8000
genesisofarlington.com

Honda

Herb Chambers Honda in Boston*
720 Morrissey Blvd, Boston
877-205-0986
herbchambershondainboston.com

Herb Chambers Honda Burlington*
33 Cambridge St, Rte 3A, Burlington
877-842-0555
herbchambershondaofburlington.com

Honda

Herb Chambers Honda of Seekonk*
185 Taunton Ave, Rte 44, Seekonk
877-851-3362
herbchambershondaofseekonk.com

Herb Chambers Honda of Westborough*
350 Turnpike Rd, Rte 9, Westborough
877-207-0329
herbchambershondaofwestborough.com

Kelly Honda*
540 Lynnway, Rte 1A, Lynn
781-595-5252
shopkellyhonda.com

Hyundai

Herb Chambers Hyundai of Auburn*
735 Southbridge St, Rte 12 & 20, Auburn
888-318-7927
herbchambershyundaiofauburn.com

Mirak Hyundai
1165 Massachusetts Ave, Arlington
781-643-8000
mirakhyundai.com

Infiniti

Herb Chambers INFINITI of Westborough*
312 Turnpike Rd, Rte 9, Westborough
855-878-9603
herbchambersinfinitiofwestborough.com

Kelly Infiniti*
155 Andover St, Rte 114, Danvers
978-774-1000
kellyinfiniti.com

Jaguar

Jaguar Sudbury Herb Chambers*
83 Boston Post Rd, Rte 20, Sudbury
866-268-7851
jaguarsudbury.com

Jaguar Boston Herb Chambers*
1188 Commonwealth Ave, Boston
857-567-4168
jaguarboston.com

Jeep

Herb Chambers Jeep of Danvers*
107 Andover St, Rte 114, Danvers
877-904-0800
herbchamberschryslerofdanvers.com

Herb Chambers Jeep of Millbury*
2 Latti Farm Rd, Rte 20, Millbury
888-293-8449
herbchamberschryslerofmillbury.com

Kelly Jeep*
353 Broadway, Route 1 North, Lynnfield
781-581-6000
kellyjeepchrysler.net

Kia

Herb Chambers Kia of Burlington*
93 Cambridge St, Rte 3A, Burlington
866-271-6366
herbchamberskiaofburlington.com

Lamborghini

Herb Chambers Lamborghini Boston*
531 Boston Post Road, Rte 20, Wayland
844-972-4590
herbchamberslamborghiniboston.com

Land Rover

Land Rover Boston Herb Chambers*
1188 Commonwealth Ave, Boston
857-567-3790
landroverboston.com

Land Rover

Land Rover Sudbury Herb Chambers*
83 Boston Post Rd, Rt 20, Sudbury
866-258-0054
landroverofsudbury.com

Lexus

Herb Chambers Lexus of Hingham*
141 Derby Street, Hingham
866-237-9636
herbchamberslexusofhingham.com

Herb Chambers Lexus of Sharon*
25 Providence Highway,
Rte 1, "The Automile," Sharon
877-338-9671
herbchamberslexus.com

Lincoln

Herb Chambers Lincoln of Norwood*
1130 Providence Hwy, Rte 1,
"The Automile," Norwood
855-278-0016
herbchamberslincoln.com

Maserati

Herb Chambers Maserati of Boston*
527 Boston Post Rd, Rte 20, Wayland
844-972-4495
herbchambersmaserati.com

Herb Chambers Maserati of Millbury*
2 Late Farm Road, Rte. 20, Millbury
844-495-1645
herbchambersmaseratiofmillbury.com

Herb Chambers Maserati of Warwick
1441 Bald Hill Road, Rt. 2, Warwick, RI
401-262-2020
herbchambersmaseratiofwarwick.com

Mercedes-Benz

Flagship Motorcars of Lynnfield*
Herb Chambers, 385 Broadway, Rte 1 N,
Lynnfield
877-337-2442
flagshipmotorcars.com

Mercedes-Benz of Boston*
Herb Chambers, 259 McGrath Highway,
Somerville
800-426-8963
mercedesbenzofboston.com

Mercedes-Benz of Natick*
Herb Chambers, 253 North Main St,
Rte 27, Natick
866-266-3870
mercedesbenzofnatick.com

Mercedes-Benz of Shrewsbury*
760 Boston Turnpike Rd, Rte 9,
Shrewsbury
888-551-7134
mercedesbenzofshrewsbury.com

MINI

Herb Chambers MINI of Boston*
1168 Commonwealth Avenue, Boston
888-994-1075
herbchambersmini.com

Nissan

Colonial Nissan of Medford
104 Mystic Ave, Rte 38, Medford
781-395-5300
nissanofmedford.com

Kelly Nissan of Lynnfield*
275 Broadway, Rte 1 North, Lynnfield
781-598-1234
kellynissanoflynnfield.com

Kelly Nissan of Woburn*
95 Cedar St, Exit 36 off I93 & I95, Woburn
781-835-3500
kellynissanofwoburn.com

Porsche

Herb Chambers Porsche of Boston*
1172 Commonwealth Ave,
Boston
855-778-1912
herbchambersporscheofboston.co

Herb Chambers Porsche Burlington*
62 Cambridge St, Rte 3A,
Burlington
855-845-0576
porscheofburlington.com

RAM

Herb Chambers RAM of Danvers*
107 Andover Street, Route 114,
Danvers
877-904-0800
herbchamberschryslerofdanvers.com

Herb Chambers RAM of Millbury*
2 Latti Farm Road, Route 20,
Millbury
888-293-8449
herbchamberschryslerofmillbury.com

Rolls-Royce

Rolls-Royce Motor Cars New England, a Herb Chambers Company*
529 Boston Post Road, Rte 20,
Wayland
855-647-4873
herbchambersrollsroyceofnewengland.com

Subaru

Cityside*
790 Pleasant St, Rte 60, Belmont
781-641-1900
buycitysidesubaru.com

Toyota

Herb Chambers Toyota of Auburn*
809 Washington Street, Rte 20,
Auburn
855-872-6999
herbchamberstoyotaofauburn.com

Herb Chambers Toyota of Boston*
32 Brighton Avenue,
Boston
877-884-1866
herbchamberstoyotaofboston.com

Volkswagen

Colonial Volkswagen of Medford*
340 Mystic Ave, Medford
781-475-5200
vwmedford.com

Kelly Volkswagen*
72 Andover St, Rte 114, Danvers
978-774-8000
kellyvw.net

Wellesley Volkswagen*
231 Linden St, Wellesley
781-237-3553
buywellesleyvw.com

Volvo

Herb Chambers Volvo Cars Norwood*
1120 Providence Hwy, Rte 1,
"On The Automile,"
Norwood
888-920-2902
volvocarsnorwood.com

Please call (617) 929-1314 to include your dealership in this directory. *For more information on this dealer, please visit boston.com/cars.

No-haggle. No-hassle.
All happiness.
Herb Chambers / PRE-OWNED

FootballMonday

EAST-WEST SHRINE GAME NOTEBOOK

Belichick coaches up appreciative Baldonado

By Jim McBride
GLOBE STAFF

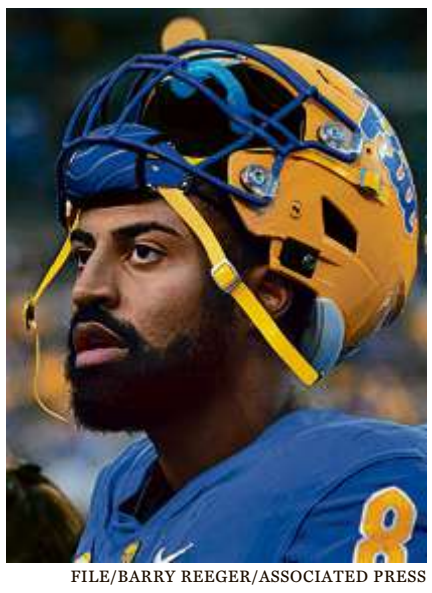
LAS VEGAS — **Bill Belichick** saw something that needed to be corrected, and he went right into teaching mode.

Seeking out **Habakkuk Baldonado** midway through Sunday morning's West squad practice, Belichick had a quick chat with the Pittsburgh defensive end. The Patriots coach was quick and direct with what he wanted to see.

A snap later, Baldonado tore through a crease in the offensive line and was poised to make a play in the backfield, except tackling to the ground is verboten at Shrine Bowl practices. Baldonado made his point, however: He is a quick learner.

Heading to the sideline, Baldonado was again summoned by the Patriots coach, who gave the 6-foot-5-inch, 260-pounder a thumbs up and a nod.

"He was just coaching me. He's really hands on with the D-line. He loves guys that set the edge, guys that can gain ground and strike right," Baldonado said after practice wrapped up. "So, he was just coaching us to be a little more physical and work better with our hands. Then I had a good rush and he told me, 'Good rush.' "



FILE/BARRY REEGER/ASSOCIATED PRESS

Pittsburgh's Habakkuk Baldonado was given one-on-one instruction from Patriots coach Bill Belichick.

Minutes later, Belichick had a similar chinwag with another edge rusher, Florida's **Brenton Cox**, again driving home some technique points.

In a neat moment, Baldonado passed on the tips Belichick had delivered with a hands-on tutorial with fellow edge rusher **Andre Jones** (Louisiana) on the sideline.

"He's coaching me. I'm trying to get better, we're all trying to get better," said Baldonado. "That's what we need."

Belichick, who is serving in a supervisory role for the West squad, has been very active through the first two practices at UNLV's Fertitta Football Complex.

In addition to his work with the defensive lineman, he has had side sessions with the wide receivers, quarterbacks, and punt coverage units while many members of his staff put the rest of the players through the paces.

Dream come true for Bobo

North Andover native **Jake Bobo** is living a dream week as he gets coached by the Patriots, the team he grew up rooting for. It's been surreal for the receiver, as he takes instruction from Belichick, **Troy Brown**, and others.

"If you had told 9-year-old me that I'd be on the field with these guys, I would not have believed you," said Bobo, a Belmont Hill product who played four years at Duke followed by a fifth season at UCLA.

The 6-5, 215-pound Bobo has flashed excellent quickness and hands, especially at Sunday's full-pads workout. He played a lot in the slot in college but has been working "mainly at the X" or split end spot during the two sessions.

"I'm fine with it," he said. "I feel like I can kind of play anywhere on the field, so it's been fun to get there and play out wide."

Bobo said the coaches have been specific in what they want to see from him in the practices leading up to Thursday's game.

"Kind of command the middle of the field," he said. "A lot of deep dig [routes], a lot of overs, so commanding that 5- to 25-yard range between the hashes and then the hash to the sideline."

Everyone gets involved

In addition to Belichick, Patriots staffers **Bill O'Brien**, **Jerod Mayo**, **Steve Belichick**, and **Joe Judge** have been at practices taking things in and pitching in in their supervisory roles . . . Boston College receiver **Zay Flowers** flashed his speed and quickness Sunday (he sat out Saturday). He is exceptionally smooth in and out of his breaks, and it's easy to see why some have projected him to go in the first round of April's draft . . . In a "got to have it play" at the end of practice, Appalachian State quarterback **Chase Brice** hit Florida receiver **Justin Shorter** with a deep touchdown pass. West co-defensive coordinator **Brian Belichick** immediately dropped to the ground and joined his players in doing pushups . . . Liberty receiver **Demario Douglas** is a blur. The kid is a jet sweep touchdown waiting to happen . . . Nebraska tight end **Travis Vokolek** is a really fluid athlete who moves way quicker than you'd think a 6-7, 260-pounder should . . . LSU cornerback **Mekhi Garner** and Clemson receiver **Joseph Ngata** had some entertaining battles during both individual and team drills . . . Interior defenders **Keondre Coburn** (Texas) and **Kobie Turner** (Wake Forest) showed really nice quickness through the A gaps . . . Georgia Tech linebacker **Charlie Thomas** swooped in out of nowhere to make an acrobatic pass breakup during a late full team period.

Jim McBride can be reached at james.mcbride@globe.com. Follow him on Twitter @globejimmcbride.

REED HOFFMANN/ASSOCIATED PRESS

Joe Burrow showed poise but couldn't pick up his second AFC Championship in Kansas City.

Mahomes showed plenty in latest AFC title triumph

▶ON FOOTBALL
Continued from Page C1

27-yard touchdown pass to Tee Higgins, a 35-yarder to Ja'Marr Chase on fourth and 6 (in double coverage!), a 13-yard scramble to pick up a first down in the fourth quarter, and a 23-yard pass to Hayden Hurst to convert third and 16.

This game didn't work out, but Burrow is as cool and clutch as it gets. He will be back on this stage many times.

■ It's usually a cop-out to blame the officiating, and the Bengals certainly did deserve the personal foul penalty at the end of the game that put the Chiefs in position for the win. But Ron Torbert's crew was objectively terrible and one-sided against Cincinnati.

The refs bafflingly gave the Chiefs a do-over on third down because of some clock issue. The Bengals got the stop, again, but had it wiped out by a questionable holding penalty on cornerback Eli Apple. Then with five minutes left, the refs handed the Chiefs another first down with a ticky-tack defensive pass interference call against Mike Hilton.

Instant replay official Walt Anderson also got into the act with yet another head-scratching ruling, giving Valdes-Scantling forward progress and a first down even though he clearly pulled the ball back on his own. The video certainly wasn't conclusive.

The Chiefs and Bengals played another classic — their last four games have each been decided by a field goal — but this one was marred by inconsistent, one-sided officiating.

■ Injuries are an inevitable part of football, and they ruined what should have been a fantastic NFC Championship game between the Eagles and 49ers. Niners quarterback Brock Purdy hurt his elbow on the opening series, fourth-stringer Josh Johnson suffered a concussion, and the Eagles ran away, 31-7.

It's a shame, because this should have been a slugfest between the NFL's top two defenses and two of its most dynamic offenses. Instead, it was choppy and non-competitive, with the Niners lacking functionality on offense and the officials throwing too many penalty flags.

The 49ers fought valiantly, particularly on defense, where they held the Eagles to 269 total yards. But the Niners gained only 164 and held the ball for just 22:34 as their season frittered away.

This game highlighted the NFL should reinstitute the "emergency third QB" rule. And coach Kyle Shanahan probably should have used Christian McCaffrey as the Wildcat quarterback instead of going back to an injured Purdy. But it potentially would have gotten McCaffrey hurt, and probably wouldn't have mattered for the Niners. When you're down to your fourth-string — and potentially your fifth-string — QB in the NFC Championship game, it's hard to have much of a shot.

■ Poor Shanahan can't catch a break. He has built a terrific program in six years with the Niners, but the 2018 season was wrecked by Jimmy Garoppolo's ACL tear, the 2020 season was wrecked by Garoppolo's ankle injury, and the 2022 season ended with Johnson under center. All Shanahan wants is to make it through a full season with the quarterback of his choosing. That doesn't seem too much to ask, but seemingly every year he suffers a different calamity.

■ It sounds weird to say when they won by 24 points, but the Eagles did not play the crispest game on offense and were lucky the 49ers basically played without a quarterback.

Jalen Hurts threw for only 121 yards, and the run game averaged just 3.4 yards per carry before kneel-downs as the Eagles struggled in the first half and took too long to pull away. The run game was especially frustrating — the Eagles had four nice runs for 54 yards (13.5 average), and just 96 yards on their other 38 non-kneeling runs (2.5 average). Hurts also averaged just 4.8 yards per pass attempt as he struggled to hit anything but checkdowns and quick outs.

The Eagles only scored their first touchdown thanks to a missed call on DeVonta Smith's fourth-down catch. They also wasted an early turnover at midfield, missed four tackles on McCaffrey's touchdown run, and got terrible punts from Brett Kern, an injury replacement.

The 49ers' No. 1-ranked defense deserves a lot of credit, and is better than the defense the Eagles will face in the Super Bowl. But the Eagles' offense showed some cracks Sunday.

Ben Volin can be reached at ben.volin@globe.com.

Playoff schedule

WILD CARD

Saturday, Jan. 14
At San Francisco 41 ..... Seattle 23
At Jacksonville 31 ..... LA Chargers 30

Sunday, Jan. 15
At Buffalo 34 ..... Miami 31
NY Giants 31 ..... at Minnesota 24
At Cincinnati 24 ..... Baltimore 17

Monday, Jan. 16
Dallas 31 ..... at Tampa Bay 14

DIVISIONAL

Saturday, Jan. 21
At Kansas City 27 ..... Jacksonville 20
At Philadelphia 38 ..... NY Giants 7

Sunday, Jan. 22
Cincinnati 27 ..... at Buffalo 10
At San Francisco 19 ..... Dallas 12

CONFERENCE CHAMPIONSHIPS

Sunday's results
At Philadelphia 31 ..... San Francisco 7
At Kansas City 23 ..... Cincinnati 20

SUPER BOWL

Sunday, Feb. 12
Philadelphia vs. Kansas City, 6:30 p.m. (Fox)

Chiefs get best of Bengals for Super return

▶AFC CHAMPIONSHIP
Continued from Page C1

for a late hit, was all Kansas City needed.

Harrison Butker strode confidently onto the field, sent a 45-yard kick through cold, gusting wind over the crossbar with three seconds to go, and put the Chiefs back in the Super Bowl for the third time in four years with a 23-20 victory.

"I don't think we have any cigars," Mahomes said with a smile, "but we'll be ready to go in the Super Bowl."

It was vindication for the AFC West champions, who had lost three straight games to their newfound nemeses, including a 3-point overtime loss to Cincinnati in last year's conference title game. All of those defeats were by 3 points.

Now, the Chiefs are headed back to the big game. Awaiting them is coach Andy Reid's old team, the Eagles, in the first matchup of Black quarterbacks in the Super Bowl with Mahomes and Philadelphia's Jalen Hurts. It will also feature a brother-against-brother showdown between Chiefs tight end Travis Kelce and Philadelphia center Jason Kelce.

"I've watched them all year," Mahomes said. "It's going to be a great challenge for us. But I'm going to celebrate this first."

Mahomes, who hurt his ankle against Jacksonville last weekend, threw for 326 yards and two touchdowns, even though he was missing three of his wide receivers to injuries by the end. Marquez Valdes-Scantling led with 116 yards and a touchdown, while Travis Kelce — bad back and all — had seven catches for 78 yards and a score.

"It's a tough bunch. My heart goes out to them, man, they're tough guys," Reid said. "They worked so hard this week. Pat and Kelce were both banged up a little bit. They pushed through and great things happened."

The Chiefs also managed to shut the mouths of the Bengals, some of whom had taken to calling their home "Burrowhead" for Joe Burrow, who had never lost to Kansas City. Even Cincinnati Mayor Aftab Pureval started in on the trash talk.

"I've got some wise words for that Cincinnati mayor," Kelce said. "Know your role and shut your mouth, you jabroni!"

Burrow, who was sacked five times and wobbly by the end, finished with 270 yards passing to go with a touchdown and two interceptions for the Bengals. Tee Higgins had six catches for 83 yards and the score.

"We're not going to make it about one play. There was plenty of plays we left on the field today that could have put us in a better position," Bengals coach Zac Taylor said. "The character of this football team, that's never going to change. We've got the right people in the locker room, the right men leading this team and this organization.

"I know that this is a team that our city and our fan base can be proud of," Taylor added. "They represent themselves the right way, and we're going to fight, scratch, and claw to be back in this position next year."

The Chiefs were able to do early what the Buffalo Bills could not in last week's divisional round: They ran roughshod over an ailing Bengals offensive line missing two starters to injury with another bothered by a sore knee.

Burrow was sacked three times in the first quarter alone and the Bengals offense did not gain a single yard.

Mahomes looked just fine on his sore ankle in leading Kansas City to a field goal on its opening possession. When the Chiefs got the ball back, Mahomes did it again, but only after Kadarius Toney failed to pull in a nifty throw for a would-be touchdown — the incompletion was upheld upon review.

Cincinnati finally got moving in the second quarter, but it also had to settle for Evan McPherson's chip-shot field goal.

So much for two of the league's highest-scoring offenses.

The Chiefs finally reached the end zone late in the second quarter when Mahomes hit Kelce, loosely covered by Jessie Bates III, with a fourth-down throw for the touchdown. The Bengals drove 90 yards in the closing minutes, but only added a field goal to get within 13-6 at the break.

Turns out their offense was just hitting its stride. And another classic was brewing.

After the Chiefs went three and out to start the second half, Burrow led the Bengals downfield, bolting through a yawning hole in the defense for a third-down conversion before hitting Higgins from 27 yards out to knot the game, 13-13.

Mahomes, beginning to limp, gamely pressed on. He answered Burrow with a touchdown drive of his own, capped by a third-down throw to Valdes-Scantling to regain the lead.

After a Mahomes fumble, Samaje Perine ran into the end zone to tie it at 20, but Burrow gave the Chiefs a chance when a deep throw to Higgins on third down was batted into the air and picked by rookie cornerback Josh Williams. The teams traded possessions, Kansas City's defense giving Mahomes and the offense one final try.

ED ZURGA/ASSOCIATED PRESS

Patrick Mahomes knows the way to the Super Bowl, as he will be making his third trip.

Chiefs 23, Bengals 20

At Arrowhead Stadium, Kansas City, Mo.

TEAM STATISTICS	Cin	KC
FIRST DOWNS: Total	18	23
Rushing	6	3
Passing	11	17
Penalties	1	3
RUSHING: Attempts	17	20
Net yards gained	71	42
Average	4.2	2.1
PASSING: Net yards	238	315
Attempted	41	43
Completed	26	29
Average	5.2	6.8
Had intercepted	2	0
Sacked-yards lost	5-32	3-11
TOTAL OFFENSE: Yards	309	357
Plays	63	66
Avg. gain per play	4.9	5.4
PUNTS: Number	4	4
Average	49.0	37.8
PUNT RETURNS: No.-yds.	1-5	3-41
KICK RETURNS: No.-yds	3-56	3-63
PENALTIES-yards	9-71	4-55
FUMBLES-lost	0-0	2-1
3D-DOWN EFF.	6-14	7-14
4TH-DOWN EFF.	1-1	1-1
Time of possession	27:09	32:51

Attendance — 73,426

SCORE BY PERIODS

Cincinnati (14-5)	0	6	7	7	— 20
Kansas City (16-3)	3	10	7	3	— 23

SCORING SUMMARY

FIRST QUARTER

Kansas City 3, Cincinnati 0
Harrison Butker 43 yd FG. Drive: 7 plays, 39 yards, 3:21.

SECOND QUARTER

Kansas City 6, Cincinnati 0
Harrison Butker 24 yd FG. Drive: 12 plays, 61 yards, 6:18.

Kansas City 6, Cincinnati 3
Evan McPherson 30 yd FG. Drive: 13 plays, 63 yards, 6:22.

Kansas City 13, Cincinnati 3
Travis Kelce 14 yd pass from Patrick Mahomes (Harrison Butker kick). Drive: 8 plays, 75 yards, 4:43.

Kansas City 13, Cincinnati 6
Evan McPherson 23 yd FG. Drive: 12 plays, 90 yards, 2:03.

THIRD QUARTER

Cincinnati 13, Kansas City 13
Tee Higgins 27 yd pass from Joe Burrow (Evan McPherson kick). Drive: 8 plays, 62 yards, 3:35.

Kansas City 20, Cincinnati 13
Marquez Valdes-Scantling 19 yd pass from Patrick Mahomes (Harrison Butker kick). Drive: 11 plays, 77 yards, 5:39.

FOURTH QUARTER

Cincinnati 20, Kansas City 20
Samaje Perine 2 yd run (Evan McPherson kick). Drive: 6 plays, 45 yards, 2:25.

Kansas City 23, Cincinnati 20
Harrison Butker 45 yd FG. Drive: 4 plays, 26 yards, 0:27.

CINCINNATI INDIVIDUAL STATISTICS

Rushing

	Att.	Yds.	Avg.	Lg	TD
Burrow	4	30	7.5	14	0
Perine	5	22	4.4	7	1
Mixon	8	19	2.4	7	0

Passing

	Att.	Com.	Yds.	TD	Int.
Burrow	41	26	270	1	2

Pass receiving

	No.	Yds.	Lg	TD
Higgins	6	83	27	1
Chase	6	75	35	0
Hurst	4	37	23	0
Mixon	3	15	6	0
Perine	3	4	4	0
Boyd	2	40	24	0
Wilcox	1	10	10	0
Irwin	1	6	6	0

Punting

	No.	Yds.	Avg.	Lg
Chrisman	4	196	49.0	54

Punt returns

	No.	Yds.	Lg	TD
Taylor	1	5	5	0

Kickoff returns

	No.	Yds.	Lg	TD
T.Williams	2	46	29	0
Irwin	1	8	8	0
Taylor	0	2	2	0

KANSAS CITY INDIVIDUAL STATISTICS

Rushing

	Att.	Yds.	Avg.	Lg	TD
Pacheco	10	26	2.6	6	0
Mahomes	3	8	2.7	5	0
Hardman	2	7	3.5	5	0
McKinnon	4	1	0.3	4	0
Jones II	1	0	0.0	0	0

Passing

	Att.	Com.	Yds.	TD	Int.
Mahomes	43	29	326	2	0

Pass receiving

	No.	Yds.	Lg	TD
Kelce	7	78	16	1
Valdes-Scantling	6	116	29	1
Pacheco	5	59	18	0
Moore	3	13	8	0
McKinnon	2	17	13	0
Hardman	2	10	11	0
Kemp	1	13	13	0
Toney	1	9	9	0
Smith-Schuster	1	7	7	0
N.Gray	1	4	4	0

Interceptions

	No.	Yds.	Lg	TD
Ja.Watson	1	10	10	0
J.Williams	1	-4	-4	0

Punting

	No.	Yds.	Avg.	Lg
Townsend	4	151	37.8	44

Punt returns

	No.	Yds.	Lg	TD
Moore	2	29	29	0
Toney	1	12	12	0

Kickoff returns

	No.	Yds.	Lg	TD
Pacheco	2	45	23	0
Moore	1	18	18	0

FootballMonday

SETH WENIG/ASSOCIATED PRESS

Haason Reddick and the Eagles' defense dominated as the 49ers were forced to use fourth-string quarterback Josh Johnson.

Eagles 31, 49ers 7

At Lincoln Financial Field, Philadelphia

TEAM STATISTICS	SF	Phi
FIRST DOWNS: Total	11	25
Rushing	7	12
Passing	4	6
Penalties	0	7
RUSHING: Attempts	24	44
Net yards gained	81	148
Average	3.4	3.4
PASSING: Net yards	83	121
Attempted	18	25
Completed	11	15
Average	4.0	4.7
Had intercepted	0	0
Sacked-yards lost	3-14	1-0
TOTAL OFFENSE: Yards	164	269
Plays	45	70
Avg. gain per play	3.6	3.8
PUNTS: Number	4	4
Average	42.0	45.0
PUNT RETURNS: No.-yds.	2-17	0-0
KICK RETURNS: No.-yds	3-107	1-29
PENALTIES-yards	11-81	4-34
FUMBLES-lost	3-3	0-0
3D-DOWN EFF.	2-8	5-15
4TH-DOWN EFF.	0-2	3-3
Time of possession	22:34	37:26

Attendance — 69,879

SCORE BY PERIODS

San Francisco (15-5)	0	7	0	0	— 7
Philadelphia (16-3)	7	14	7	3	— 31

SCORING SUMMARY

FIRST QUARTER

Philadelphia 7, San Francisco 0
Miles Sanders 6 yd run (Jake Elliott kick). Drive: 11 plays, 66 yards, 5:12.

SECOND QUARTER

San Francisco 7, Philadelphia 7
Christian McCaffrey 23 yd run (Robbie Gould kick). Drive: 6 plays, 46 yards, 2:46.

Philadelphia 14, San Francisco 7
Miles Sanders 13 yd run (Jake Elliott kick). Drive: 14 plays, 75 yards, 6:53.

Philadelphia 21, San Francisco 7
Boston Scott 10 yd run (Jake Elliott kick). Drive: 3 plays, 30 yards, 0:55.

THIRD QUARTER

Philadelphia 28, San Francisco 7
Jalen Hurts 1 yd run (Jake Elliott kick). Drive: 15 plays, 91 yards, 7:50.

FOURTH QUARTER

Philadelphia 31, San Francisco 7
Jake Elliott 31 yd FG. Drive: 9 plays, 30 yards, 5:35.

SAN FRANCISCO INDIVIDUAL STATISTICS

Rushing

	Att.	Yds.	Avg.	Lg	TD
McCaffrey	15	84	5.6	23	1
Kittle	1	4	4.0	4	0
J.Johnson	2	2	1.0	2	0
Samuel	6	-9	-1.5	4	0

Passing

	Att.	Com.	Yds.	TD	Int.
J.Johnson	13	7	74	0	0
Purdy	4	4	23	0	0
McCaffrey	1	0	0	0	0

Pass receiving

	No.	Yds.	Lg	TD
McCaffrey	4	22	9	0
Samuel	3	33	13	0
Kittle	3	32	22	0
Aiyuk	1	10	10	0

Punting

	No.	Yds.	Avg.	Lg
Wishnowsky	4	168	42.0	46

Punt returns

	No.	Yds.	Lg	TD
McCloud III	2	17	9	0

Kickoff returns

	No.	Yds.	Lg	TD
Samuel	2	65	37	0
McCloud III	1	42	42	0

PHILADELPHIA INDIVIDUAL STATISTICS

Rushing

	Att.	Yds.	Avg.	Lg	TD
Gainwell	14	48	3.4	17	0
Sanders	11	42	3.8	13	2
Hurts	11	39	3.5	14	1
B.Scott	6	21	3.5	10	1
Minshew II	2	-2	-1.0	-1	0

Passing

	Att.	Com.	Yds.	TD	Int.
Hurts	25	15	121	0	0

Pass receiving

	No.	Yds.	Lg	TD
Goedert	5	23	7	0
Brown	4	28	11	0
Smith	2	36	29	0
Gainwell	2	26	17	0
Stoll	1	5	5	0
Sanders	1	3	3	0

Punting

	No.	Yds.	Avg.	Lg
Kern	4	180	45.0	53

Kickoff returns

	No.	Yds.	Lg	TD
B.Scott	1	29	29	0

Eagles do enough as injuries topple 49ers

▶**NFC CHAMPIONSHIP**
Continued from Page C1

"We've got new moments," Hurts said. "New moments and new times."

Hurts had one of Philadelphia's four rushing touchdowns and the Eagles soared into the Super Bowl, forcing both of San Francisco's quarterbacks out of the game with injuries and beating the wounded 49ers, 31-7, in the NFC Championship game on Sunday.

The Eagles, who beat the Patriots in the Super Bowl five years ago with a different coach and quarterback, will try to do it again behind the formidable duo of Hurts and coach Nick Sirianni. Philadelphia faces former Eagles coach Andy Reid's Kansas City Chiefs, 23-20 winners over Cincinnati later Sunday, Feb. 12 in Glendale, Ariz.

"We get to do it because we did it better than anyone in the NFC this year," Sirianni said.

Hurts had a modest game by his standards after a season in which he is a finalist for MVP. He was 15-of-25 passing for 121 yards and ran for 39, improving to 16-1 as a starter this season. The Eagles (16-3) lost two games that he missed with a sprained right shoulder.

Hurts sat alone at his locker dressed all in purple and he took a few puffs of a cigar as the Eagles celebrated around him. He understood there was one more game to win.

"I never knew how far we'd go," Hurts said, "but I never said it couldn't be done."

Miles Sanders ran for two touchdowns and linebacker Haason Reddick made the hit that forced 49ers rookie quarterback Brock Purdy out of the game with an elbow injury. Reddick also recovered a fumble by Purdy's replacement, Josh Johnson, who later suffered a concussion.

That forced Purdy back into the game, but his injury was clearly a factor as the 49ers all but gave up on the passing game, even while trailing by multiple scores. Purdy said he was unable to throw the ball more than 10 yards after his elbow got hurt.

San Francisco's bad luck at quarterback was finally too much to overcome as its 12-game win streak ended. The Niners (15-5) lost both Trey Lance and Jimmy Garoppolo to season-ending injuries, and Purdy — the final pick in April's draft — lost as a starter for the first time.

Philadelphia police greased traffic and light poles in what proved again to be a futile attempt to slow the postgame revelry. The city has its beloved Birds in the Super Bowl just three months after the Philadelphia Phillies reached the World Series.

"When you guys go into our indoor [practice facility], there's always that picture in the back part of it of the 2017 NFC Championship game, and it's just the electricity of the stadium," said Sirianni, who was hired two years ago to replace the Eagles' Super Bowl-winning coach, Doug Pederson. "We're looking forward to getting another picture up there of this special moment that we had."

The game disintegrated in the waning minutes and Philadelphia's K'Von Wallace and San Francisco's Trent Williams were ejected for their roles in a brawl.

The moment only seemed to rile up Eagles fans even more as they soon waved their green towels and went wild as confetti fluttered around them.

The Eagles broke the game open in the final two minutes of the first half, getting a rise out of a crowd that had been quiet with nervous energy since a touchdown on the opening drive.

Sanders broke free for a 13-yard run for a 14-7 lead, concluding a 14-play, 75-yard drive extended by three 49ers penalties.

Johnson bobbled a shotgun snap and fumbled on the next drive, and Reddick — the free agent pickup from Carolina having one of the great defensive seasons in franchise history — recovered at the San Francisco 30. Boston Scott scooted 10 yards for a TD and 21-7 lead.

Even with Hurts almost a non-factor, the Eagles were firmly in control. His 1-yard rushing touchdown on Philadelphia's signature rugby-style QB sneak made it 28-7 late in the third quarter.

Purdy left the game with an elbow injury after he was drilled in the arm by Reddick on San Francisco's first drive. The play was initially ruled an incomplete pass, but replays confirmed it was a fumble.

He also got his hand on Purdy's arm, changing the course of the game. The 23-year-old Purdy's improbable rise from the last pick in last summer's draft to playoff starter ended with a whimper. He was improbably needed again in the third quarter after Johnson, a journeyman backup signed in December, was also injured.

"I hurt for these guys," coach Kyle Shanahan said. "We felt really good about this game. It was tough circumstances."

AROUND THE HORN | STARTING ROTATION

For starters, little to rely on beyond depth

By Julian McWilliams
GLOBE STAFF

Eighth in a series

Starting pitching.

You could never have enough of it. On the surface, the Red Sox have a ton of depth in that area as spring training approaches.

Seven starters, to be exact. Chris Sale, James Paxton, Nick Pivetta, Tanner Houck, Brayan Bello, Garrett Whitlock, and Corey Kluber.

That depth is a positive. But in the Red Sox' case, the surplus doesn't necessarily include reliability. That weakness will factor into decisions on who will be a part of the five-man rotation.

Sale's impact comes with the most doubt, considering his injury history. Since March 2020, he has undergone Tommy John surgery, broken a rib throwing a baseball, broken a pinkie on a comebacker, and broken a wrist while riding a bike. The injuries resulted in Sale making only 36 starts since signing a five-year, $145 million contract extension following the 2018 season and just 11 starts in the last three seasons.

But "Humpty Dumpty got put back together," Sale humorously said during Winter Weekend in Springfield in late January.

Sale continued: "I'm more motivated for my teammates, my coaching staff for the organization, for the fans. I owe these people something."

Sale and Paxton have shared experiences. Paxton was coming off Tommy John surgery when he signed last offseason but was expected to return near the halfway mark of the 2022 season. In August, a lat strain suffered in his first rehab start in Fort Myers ended his season.

The Red Sox will keep close tabs on both Sale and Paxton, enforcing pitch counts or innings limits. With Sale, and this likely also applies to Paxton, the Sox will look for certain cues before and after starts to ensure he's trending in the right direction.

"The biggest part is just the recovery," pitching coach Dave Bush said. "How their bodies are recovering. The mistake that sometimes we make in baseball is we worry about one part of the body and we miss something else. So we're looking at everything. How is your body recovering? How do you feel? Can you get on the mound on your side day? How's the fatigue during games? We look at all that together and it helps guide us."

The Sox lost Nathan Eovaldi to the Rangers in free agency but added Kluber, a two-time American League Cy Young Award winner who will turn 37 in April and relies more on finesse than power at this point in his career.

The Sox would like to forget their 2022 rotation woes, which resulted in a 4.49 ERA, ninth worst in the majors.

Pivetta made 33 starts and logged 179⅔ innings last season. There is something to be said for leading the staff in both categories.

Yet Pivetta had a down year, thanks, in part, to his struggles against the AL East (6.72 ERA in 16 starts). With the new schedule, teams will only face divisional opponents 13 times, down from 19. That should help Pivetta.

Beyond Pivetta, durability among the returning arms will undoubtedly be tested. The quartet of Sale, Bello, Houck, and Whitlock made a combined 26 starts last year. Bello led the bunch with 11.

Whitlock, Houck, and Bello certainly have the talent but lack experience. Whitlock joined the rotation out of necessity, but was ultimately placed back in the bullpen where his arm was needed for late-innings situations. Whitlock's season ended early because of a hip injury and he underwent surgery in September, but during Winter Weekend he said he's ready to go. The Sox bolstered their bullpen this offseason, allowing Whitlock to return to a starter's role.

Similarly to Whitlock, Houck was moved to the bullpen, staying there until he suffered a season-ending back injury that required surgery. Like Whitlock, Houck is a full-go now and said he doesn't feel pain when he throws.

Houck made it clear during Winter Weekend that he wants to start, but his rejoining the bullpen seems more likely.

Bello is the Sox' precious new jewel and he finished 2022 with a September ERA of 1.65 (4.82 overall). He worked with Pedro Martinez in the Dominican Republic this offseason to prepare for 2023.

"For him and all the young guys who came up last year, there was a ton of value in what they learned," Bush said. "It was tough and wasn't always easy for them. But I think the experiences they had and what they took out of it is going to make all of them, especially Brayan, a lot better this year."

The young rotation hopefuls don't have the experience the veterans carry into camp. The health and durability of those veterans, meanwhile, brings Sox fans pause.

Julian McWilliams can be reached at julian.mcwilliams@globe.com. Follow him on Twitter @byJulianMack.

At a glance

2022 starters: Nick Pivetta, Rich Hill, Michael Wacha, Nathan Eovaldi, Josh Winckowski, Kutter Crawford, Brayan Bello, Garrett Whitlock, Connor Seabold, Tanner Houck, Austin Davis, Chris Sale

Projected 2023 starters: Sale, James Paxton, Corey Kluber, Whitlock, Pivetta/Bello

Major league depth: Houck, Winckowski, Crawford

Prospects to watch: Bryan Mata, Franklin German, Brandon Walter, Luis Perales

Dolphins coordinate hiring with Fangio

ASSOCIATED PRESS

NFL NOTEBOOK

The Miami Dolphins have reached a deal with former Denver Broncos coach **Vic Fangio** to become their defensive coordinator, a person familiar with the hire told the Associated Press on Sunday.

The person spoke to the AP on condition of anonymity because the deal has not been finalized.

Fangio, who had been one of the most sought-after defensive coordinator candidates this offseason, was Denver's head coach from 2019-21, going 19-30.

The Dolphins fired defensive coordinator **Josh Boyer** earlier this month after three seasons with the team. Boyer spent 13 years as an assistant with the Patriots before leaving for Miami in 2019.

Miami finished the season ranked 18th in total defense, 27th in passing defense, and tied for 24th on third downs.

The 64-year-old Fangio, a respected defensive mind, figures to mesh well with Dolphins coach **Mike McDaniel** and the talent Miami has on defense.

Defensive tackle **Christian Wilkins** had a career year, totaling 98 tackles. Linebacker **Jaelan Phillips** and rookie cornerback **Kader Kohou** both had standout seasons.

Surgery for Herbert

Los Angeles Chargers quarterback **Justin Herbert** had surgery on his non-throwing shoulder. The Chargers announced he had surgery on the labrum in his left shoulder Jan. 25.

Herbert showed up on the Chargers' injury report with a left shoulder injury leading up to the Jan. 8 regular-season finale. He is expected to be ready for the team's offseason program.

The Chargers made the postseason for the first time in Herbert's three-year NFL career, but they were eliminated by the Jacksonville Jaguars in the AFC wild-card round after blowing a 27-point, first-half lead.

Herbert was second in the league this season in completions with 477, behind **Tom Brady** of the Buccaneers (490), and passing yards with 4,739, after the Chiefs' **Patrick Mahomes** (5,250). He was selected as a Pro Bowl Games alternate.

Cowboys OC out

The Cowboys announced a mutual decision made with offensive coordinator **Kellen Moore** to part ways after four seasons. The Cowboys also said quarterbacks coach **Doug Nussmeier** will not return.

ALL SHEDS ON SALE
Winter Sale ENDS TOMORROW at Reeds Ferry Sheds®

REEDS FERRY'S WINTER SALE ENDS TOMORROW, JANUARY 31ST
Save on every Reeds Ferry Shed, Gazebo & Pool House. Buy factory direct from Reeds Ferry and own a higher quality shed. Choose from 100's of size, styles & colors. Order now for spring. Free Delivery and Installation throughout New England.
SALE DETAILS AT: REEDSFERRY.COM

Reeds Ferry Sheds®
ReedsFerry.com 888-85-SHEDS
Reeds Showroom open 7 days a week till 5pm • Outside Nashua on Rt 102 Hudson NH

NBA

EASTERN CONFERENCE							
ATLANTIC	W	L	Pct.	GB	Streak	Home	Conf.
Boston	36	15	.706	—	W 1	19-6	20-11
Philadelphia	32	16	.667	2½	W 7	19-7	18-10
Brooklyn	30	19	.612	5	W 1	14-8	21-10
New York	27	24	.529	9	L 1	12-13	18-15
Toronto	23	28	.451	13	W 1	15-12	15-19
CENTRAL	W	L	Pct.	GB	Streak	Home	Conf.
Milwaukee	33	17	.660	—	W 4	20-5	19-13
Cleveland	31	21	.596	3	W 1	21-5	18-9
Chicago	23	26	.469	9½	W 1	13-10	19-15
Indiana	24	28	.462	10	L 3	16-10	17-14
Detroit	13	38	.255	20½	L 1	6-19	5-23
SOUTHEAST	W	L	Pct.	GB	Streak	Home	Conf.
Miami	28	23	.549	—	L 1	17-9	12-14
Atlanta	25	25	.500	2½	L 1	13-11	17-17
Washington	23	26	.469	4	W 5	12-10	13-15
Orlando	19	31	.380	8½	L 2	13-13	9-21
Charlotte	15	36	.294	13	W 2	7-16	8-23

WESTERN CONFERENCE							
PACIFIC	W	L	Pct.	GB	Streak	Home	Conf.
Sacramento	27	21	.563	—	L 2	16-11	15-10
LA Clippers	28	25	.528	1½	L 1	14-11	17-15
Golden State	25	24	.510	2½	W 2	19-6	14-9
Phoenix	26	25	.510	2½	W 1	18-8	20-14
LA Lakers	23	27	.460	5	L 1	13-12	12-17
SOUTHWEST	W	L	Pct.	GB	Streak	Home	Conf.
Memphis	32	18	.640	—	W 1	21-3	15-15
Dallas	26	25	.510	6½	L 1	17-9	19-12
New Orleans	26	25	.510	6½	L 8	17-9	16-12
San Antonio	14	36	.280	18	L 5	9-18	5-29
Houston	12	38	.240	20	W 1	7-17	6-27
NORTHWEST	W	L	Pct.	GB	Streak	Home	Conf.
Denver	34	16	.680	—	L 2	22-4	25-10
Minnesota	27	25	.519	8	W 3	18-10	18-16
Utah	26	26	.500	9	W 1	17-9	19-15
Okla. City	24	25	.490	9½	W 1	15-10	11-13
Portland	23	26	.469	10½	L 1	13-11	17-15

SUNDAY'S RESULTS

At Charlotte 122	Miami 117	At Cleveland 122	LA Clippers 99
At Memphis 112	Indiana 100	At Milwaukee 135	New Orleans 110

MONDAY'S GAMES

Orlando at Philadelphia	7	Washington at San Antonio	8
LA Lakers at Brooklyn	7:30	Detroit at Dallas	8:30
Sacramento at Minnesota	8	Toronto at Phoenix	9
Golden St. at Okla. City	8	Atlanta at Portland	10

SATURDAY'S RESULTS

At BOSTON 125	LA Lakers 121 (OT)	Phoenix 128	at San Antonio 118 (OT)
At Philadelphia 126	Denver 119	At Minnesota 117	Sacramento 110
At Brooklyn 122	New York 115	Washington 113	at New Orleans 103
Houston 117	at Detroit 114	At Utah 108	Dallas 100
Chicago 128	at Orlando 109	Toronto 123	at Portland 105
LA Clippers 120	at Atlanta 113		

MORRY GASH/ASSOCIATED PRESS

Giannis Antetokounmpo dominated again Sunday, going for 50 points (on 20-for-26 shooting) and 13 rebounds as the Bucks beat the Pelicans, 135-110.

BUCKS 135, PELICANS 110

NEW ORLEANS

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Marshall	34	4-15	0-1	2-4	6	2	8
Murphy	36	6-11	0-1	1-2	2	0	16
Valncnas	22	7-16	2-2	0-3	1	3	16
Jones	27	4-11	1-2	2-5	2	3	11
Alvarado	29	4-12	7-8	1-3	6	2	18
Hayes	22	2-2	2-3	0-3	1	3	6
Graham	18	3-5	2-2	0-0	3	2	10
Nance	24	4-10	1-2	2-12	1	3	10
Lewis	27	7-11	0-0	0-6	3	2	15
Totals		41-93	15-21	8-38	25	20	110

FG%: .441, FT%: .714. 3-pt. goals: 13-34, .382 (Marshall 0-5, Murphy 4-6, Valanciunas 0-2, Jones 2-3, Alvarado 3-7, Graham 2-4, Nance 1-4, Lewis 1-3). Blocks: 3 (Jones, Hayes, Lewis). Turnovers: 12 (Marshall 2, Murphy 2, Valanciunas 2, Jones, Alvarado 2, Graham, Nance). Steals: 7 (Murphy, Valanciunas, Jones, Alvarado 2, Graham, Nance).

MILWAUKEE

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Conghton	26	2-6	0-0	1-6	1	2	6
GAntokpo	30	20-26	7-12	3-13	4	5	50
Lopez	32	6-12	3-4	2-8	3	2	15
Allen	26	3-8	0-0	0-1	4	1	8
Holiday	30	7-15	2-4	2-7	6	3	17
Ingles	26	3-5	0-0	0-2	3	2	9
Matthws	20	3-6	0-0	1-9	0	0	8
Middlton	18	4-9	0-0	0-3	4	1	9
Nwora	14	2-3	0-0	3-6	1	1	5
Mmklhvli	3	1-1	0-0	0-0	0	0	2
TAntkpo	1	0-1	0-0	0-1	0	0	0
Carter	13	2-4	0-0	0-1	1	1	6
Totals		53-96	12-20	12-57	27	18	135

FG%: .552, FT%: .600. 3-pt. goals: 17-43, .395 (Connaughton 2-5, G.Antetokounmpo 3-4, Lopez 0-4, Allen 2-6, Holiday 1-7, Ingles 3-5, Matthews 2-4, Middleton 1-3, Nwora 1-1, Carter 2-4). Blocks: 4 (Lopez 2, Middleton, Nwora). Turnovers: 11 (G.Antetokounmpo 3, Lopez, Allen 2, Holiday 3, Middleton 2). Steals: 7 (Connaughton, Lopez, Allen 2, Ingles, Middleton, Carter).

New Orleans	19	25	44	22	— 110
Milwaukee	37	25	44	29	— 135

A — 17,341 (17,500). T — 2:06. Officials — Scott Foster, Brent Barnaky, Cheryl Flores.

GRIZZLIES 112, PACERS 100

INDIANA

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Duarte	26	4-7	0-0	1-3	2	2	9
Nesmith	32	4-8	7-7	0-5	0	4	16
Turner	27	5-9	3-4	0-4	1	5	15
McConnl	22	0-5	0-0	1-3	7	1	0
Hield	34	1-4	0-0	0-4	4	3	3
Nmbhrd	28	5-13	1-1	2-3	3	1	12
Jackson	21	6-10	1-1	1-4	1	4	13
Mathurin	31	9-20	7-8	4-8	3	0	27
Brissett	18	2-3	0-0	2-4	0	2	5
Totals		36-79	19-21	11-38	21	22	100

FG%: .456, FT%: .905. 3-pt. goals: 9-32, .281 (Duarte 1-4, Nesmith 1-5, Turner 2-4, Hield 1-4, Nembhard 1-7, Mathurin 2-6, Brissett 1-2). Blocks: 6 (Duarte 2, Turner, Jackson 3). Turnovers: 17 (Duarte, Turner 2, McConnell 5, Hield 4, Nembhard 3, Mathurin 2). Steals: 4 (Nesmith, Hield, Mathurin, Brissett).

MEMPHIS

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Brooks	31	2-11	0-0	0-1	3	4	5
Jackson	38	12-19	1-2	2-8	1	4	28
Clarke	17	5-5	3-5	0-2	2	5	13
Williams	20	3-6	0-0	0-2	0	1	7
Morant	42	9-21	8-9	2-10	15	3	27
Aldama	15	0-1	2-2	1-3	2	1	2
Jones	30	4-10	0-0	0-1	4	0	10
Tillman	25	4-7	1-2	8-11	2	1	9
Roddy	16	4-7	2-2	2-3	0	1	11
LaRavia	5	0-2	0-0	0-0	0	1	0
Totals		43-89	17-22	15-41	29	21	112

FG%: .483, FT%: .773. 3-pt. goals: 9-37, .243 (Brooks 1-7, Jackson 3-8, Williams 1-3, Morant 1-6, Aldama 0-1, Jones 2-7, Roddy 1-3, LaRavia 0-2). Blocks: 8 (Jackson 5, Clarke 2, Morant). Turnovers: 7 (Brooks 3, Jackson, Clarke, Morant 2). Steals: 10 (Brooks, Jackson, Clarke, Morant 2, Aldama, Jones 4).

Indiana	32	30	17	21	— 100
Memphis	23	27	30	32	— 112

A — 17,794 (18,119). T — 2:21. Officials — Josh Tiven, Karl Lane, Leon Wood.

CAVALIERS 122, CLIPPERS 99

LA CLIPPERS

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Batum	7	0-3	0-0	1-3	0	0	0
Coffey	38	5-13	8-9	0-4	2	6	18
Zubac	22	0-5	2-2	2-7	0	1	2
Mann	20	2-8	0-0	1-2	2	1	4
Powell	16	4-10	3-4	1-2	0	3	11
Kennard	10	1-4	0-0	0-2	1	0	2
Boston	34	9-19	5-6	0-1	3	5	24
Brown	26	5-7	3-3	5-16	0	1	13
Diabate	30	5-8	2-3	4-5	1	0	13
Preston	37	6-12	0-0	1-3	8	2	12
Totals		37-89	23-27	15-45	17	19	99

FG%: .416, FT%: .852. 3-pt. goals: 2-19, .105 (Batum 0-3, Coffey 0-2, Mann 0-2, Powell 0-2, Kennard 0-2, Boston 1-3, Diabate 1-2, Preston 0-3). Turnovers: 13 (Zubac, Mann, Powell, Kennard, Boston 3, Brown, Diabate, Preston 4). Steals: 6 (Coffey, Powell, Kennard, Boston, Diabate, Preston).

CLEVELAND

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Okoro	18	2-5	3-3	1-2	0	3	8
E.Mobley	27	4-9	0-0	0-9	3	4	9
Allen	26	6-10	2-3	2-8	3	2	15
Mitchell	20	5-9	0-0	0-0	3	2	11
Garland	23	5-7	4-4	0-2	10	0	16
Stevens	12	2-3	0-0	0-0	1	2	5
Wade	27	2-5	3-5	0-4	1	1	8
LeVert	28	4-10	0-2	1-2	3	3	12
Rubio	19	1-5	0-0	0-3	4	1	3
Osman	22	11-13	0-0	0-2	2	0	29
Neto	8	1-1	2-2	0-1	3	0	4
Lopez	10	1-1	0-0	0-2	2	5	2
Totals		44-78	14-19	4-35	35	23	122

FG%: .564, FT%: .737. 3-pt. goals: 20-33, .606 (Okoro 1-4, E.Mobley 1-1, Allen 1-1, Mitchell 1-3, Garland 2-3, Stevens 1-1, Wade 1-4, LeVert 4-6, Rubio 1-3, Osman 7-7). Blocks: 7 (Okoro, E.Mobley 3, Wade, Osman, Lopez). Turnovers: 10 (Allen 5, Garland, Wade, LeVert, Lopez 2). Steals: 9 (E.Mobley, Allen 2, Mitchell, Wade, LeVert, Rubio, Osman 2).

LA Clippers	15	19	23	42	— 99
Cleveland	31	33	25	33	— 122

A — 19,432 (20,562). T — 2:02. Officials — Pat Fraher, Tyler Ford, Suyash Mehta.

HORNETS 122, HEAT 117

MIAMI

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Martin	27	3-4	2-4	0-6	3	3	8
Butler	33	11-14	6-7	2-7	2	3	28
Adebayo	36	8-15	1-4	2-4	6	0	17
Lowry	30	3-11	3-3	2-4	5	4	11
Herro	35	9-21	1-1	0-5	3	1	24
ORobinsn	12	0-1	2-2	2-3	0	1	2
Oladipo	32	4-12	0-0	1-3	5	1	9
Vincent	18	3-7	1-1	0-2	1	2	8
Strus	16	4-8	1-1	1-2	1	2	10
Totals		45-93	17-23	10-36	26	17	117

FG%: .484, FT%: .739. 3-pt. goals: 10-31, .323 (Martin 0-1, Lowry 2-7, Herro 5-9, Oladipo 1-5, Vincent 1-4, Strus 1-5). Turnovers: 10 (Martin, Butler 2, Adebayo 2, Lowry, O.Robinson, Oladipo, Vincent, Strus). Steals: 11 (Martin, Butler 3, Adebayo 3, O.Robinson, Oladipo 2, Vincent).

CHARLOTTE

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt
Hayward	26	7-7	3-3	2-5	2	0	20
Wshngtn	36	11-19	2-2	3-6	5	3	27
Plumlee	28	4-6	2-6	2-8	1	3	10
La.Ball	36	7-17	1-1	0-7	7	4	19
Rozier	37	11-19	4-5	1-6	7	0	31
McDanils	25	1-6	0-0	0-7	1	3	2
Smith	20	1-5	2-2	2-3	1	1	4
Thor	12	1-2	0-0	1-2	0	2	2
Williams	20	2-2	3-3	0-3	1	2	7
Totals		45-83	17-22	11-47	25	18	122

FG%: .542, FT%: .773. 3-pt. goals: 15-40, .375 (Hayward 3-3, Washington 3-7, La.Ball 4-13, Rozier 5-11, McDaniels 0-5, Smith 0-1). Blocks: 3 (La.Ball, Rozier, Williams). Turnovers: 19 (Washington, Plumlee 3, La.Ball 7, Rozier 2, McDaniels 3, Smith 2, Williams). Steals: 6 (Washington, La.Ball, Smith, Thor, Williams 2).

Miami	28	34	24	31	— 117
Charlotte	26	32	33	31	— 122

A — 19,254 (19,077). T — 2:15. Officials — Gediminas Petraitis, Tom Washington, Jenna Schroeder.

Unpacking overstuffed OT win

By Adam Himmelsbach
GLOBE STAFF

MADDIE MEYER/GETTY IMAGES

The Celtics caught a break when referees failed to call Jayson Tatum's foul on LeBron James on the final shot of regulation.

There's plenty to unpack after the Celtics' bizarre, chaotic, and intense 125-121 overtime win over the visiting Lakers on Saturday night . . .

■ Look, it was a foul. LeBron James's tantrum drew attention to it. Jayson Tatum's sheepish grin essentially acknowledged it. Referee Eric Lewis later confirmed it.

In the final seconds of regulation with the score tied at 105, James bulldozed down the left side of the lane and had a clean look at a layup before Tatum reached in and hit his arm, forcing a miss.

But there was no whistle.

James should have received two free throws. He almost certainly would have made at least one, and the game probably would have ended there, sending the Celtics into a season-worst four-game tailspin.

The Celtics dodged one.

■ That surprising sequence was followed by an odd and, well, sort of funny moment.

On the sideline, Lakers guard Patrick Beverley was shown a Lakers team photographer's shot of the no-call. He took the camera and marched onto the court to show Lewis, the crew chief, his visual evidence. Lewis, understandably, had no interest in glancing at the footage, and assessed Beverley a technical foul.

I've never seen overtime start with a team holding a 1-point lead, but that's what happened after Tatum hit the technical free throw.

■ Before every game, the NBA selects a pool reporter who will be able to interview a referee if any moments deserve further explanation. I've been the pool reporter for about half of the Celtics' home games over the last few years, and before Saturday, I'd never actually been called into duty. But, clearly, there were a few plays from this game that merited discussion.

The process works like this: The reporter contacts an NBA public relations representative and requests a pool interview with the lead official before sending a list of questions. The NBA then sets up a Zoom call with the official. In this case, Lewis was still in uniform somewhere in the bowels of TD Garden. He graciously answered a couple of questions about the Beverley incident, saying he received a technical because his actions were inappropriate. Then he said that, yes, they had missed the foul call on Tatum.

"There was contact," Lewis said. "At the time, during the game, we did not see a foul. The crew missed the play."

The honesty was admirable, but it obviously doesn't do anything to help the Lakers.

■ Wait, can we talk about how Beverley actually brought a camera onto the court to show a referee a picture of a missed call? Oh, that's right, we already did that.

Anyway, in the final minute of regulation, it appeared the defensive-minded guard had become an improbable offensive hero on a court filled with much more talented scorers. The 6-foot-2-inch pest drilled a 3-pointer and soared in for a two-handed putback slam that gave the Lakers a 104-102 lead. Then he grabbed a Jaylen Brown miss and was fouled with 14.8 seconds left, putting Los Angeles in control.

But the rest of regulation was forgettable for Beverley. He made just one of two free throws, leaving Boston a glimmer of hope. Then after Al Horford missed a 3-pointer and Brown grabbed the rebound, Beverley hit the top of Brown's head, resulting in a three-point play that allowed Boston to tie the game with 4.1 seconds left.

Beverley's subsequent technical foul didn't help, either.

■ It can be argued whether Brown made the proper decision by going up for a layup trailing by 3 points with just over four seconds left. He was fortunate to be fouled, but I still think it was the right play.

Grant Williams and Tatum were in the paint with Brown at the time. Malcolm Brogdon was wide open at the top of the key, but Brown had come soaring in for the rebound, with his back to Brogdon, and all of his momentum was carrying him toward the basket. It would have been tough for him to regroup, realize Brogdon was open, hit him with a 25-foot pass, and then hope he could convert the shot, all in four seconds. Furthermore, the Celtics had a timeout, so even if they still trailed by a point, they could have fouled and then advanced the ball before their final shot.

■ Kudos to Brown for calmly knocking down that free throw. Just two nights earlier, he'd missed two big free throws that could have sent the Celtics to a win over the Knicks. He left both shots short and appeared uneasy. But in this case, in an almost identical situation, he calmly drilled it.

These high-pressure moments will only help down the road.

■ Just a reminder that James, who erupted for 41 points, 9 rebounds, and 8 assists, and had just 2 turnovers Saturday, is 38 years old. Love him or hate him, you have to appreciate him.

■ The Celtics remained shorthanded Saturday, with Marcus Smart and Robert Williams sidelined with ankle injuries. Nevertheless, Tatum's workload has become concerning. The forward played the entire second, third, and fourth quarters, as well as overtime. Forty-one consecutive minutes in all.

He has been battling left wrist soreness, and he said after this game that he was exhausted. Also, it wasn't even as if he was carrying the Celtics: He was just 8 for 25 from the field with six turnovers.

Before the game, coach Joe Mazzulla was asked about limiting Tatum's playing time, and he quipped that playing fewer overtime games would help. Then another overtime game arrived. But Tatum said fatigue caught up to him during the Finals last season, and his current regular-season workload certainly seems excessive. It'll be something to keep an eye on when the playoffs arrive.

Tatum was used somewhat similarly last season, but the Celtics had plenty of lopsided wins that allowed him to sit the final few minutes. This year's games have generally been tighter, with seven of the 51 going to overtime.

Adam Himmelsbach can be reached at adam.himmelsbach@globe.com.

Celtics 125, Lakers 121

Saturday night game
At TD Garden

LA LAKERS

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt	PPG
Brown	27	1-7	0-0	1-4	1	2	2	6.7
James	44	15-30	5-6	1-9	8	2	41	30.2
Bryant	19	1-1	1-2	1-6	0	0	3	12.6
Schroder	38	6-12	1-1	0-2	3	5	13	12.3
Beverley	36	5-10	1-2	1-5	5	4	15	6.4
Westbrk	25	4-14	4-5	2-4	7	4	12	15.8
Davis	34	6-15	3-4	5-10	4	4	16	26.7
Walker	18	6-8	0-0	0-3	1	1	13	14.6
Hachmra	24	3-8	0-0	0-4	1	1	6	12.8
Totals		47-105	15-20	11-47	30	23	121	

FG%: .448, FT%: .750. 3-pt. goals: 12-42, .286 (Brown 0-5, James 6-12, Schroder 0-5, Beverley 4-7, Westbrook 0-3, Davis 1-3, Walker 1-3, Hachimura 0-4). Team rebounds: 13. Team turnovers: 12 (17 pts.). Blocks: 0 Turnovers: 12 (James 2, Schroder 2, Westbrook 5, Davis 2, Walker). Steals: 4 (Beverley 2, Westbrook, Walker). Technicals: Schroder, 4:26/3rd.

BOSTON

	Min	FG M-A	FT M-A	Reb O-T	A	F	Pt	PPG
GWillims	39	3-6	1-2	0-9	0	6	9	9.0
Tatum	47	8-25	11-12	2-11	4	3	30	31.1
Horford	38	2-6	2-2	1-2	3	1	7	9.4
White	36	5-8	2-2	1-5	2	0	14	10.3
Brown	39	13-23	9-11	1-9	3	5	37	27.0
Hauser	5	0-0	0-0	0-2	0	0	0	5.6
Brogdon	39	8-15	7-8	1-6	4	4	26	14.5
Kornet	16	0-0	2-2	1-2	2	2	2	3.7
Pritchard	5	0-1	0-0	0-0	0	1	0	4.9
Totals		39-84	34-39	7-46	18	22	125	

FG%: .464, FT%: .872. 3-pt. goals: 13-40, .325 (G.Williams 2-3, Tatum 3-10, Horford 1-5, White 2-5, Brown 2-9, Brogdon 3-7, Pritchard 0-1). Team rebounds: 7. Team turnovers: 12 (13 pts.). Blocks: 9 (Tatum, Horford 3, White, Brown, Brogdon, Kornet 2). Turnovers: 12 (G.Williams, Tatum 6, Brown 3, Brogdon 2). Steals: 8 (G.Williams, Tatum 2, Horford, Brown, Brogdon 2, Kornet). Flagrant fouls: Brogdon, 1:57/OT.

LA Lakers	27	27	27	24	16 — 121
Boston	28	20	33	24	20 — 125

A — 19,156 (18,624). T — 2:47. Officials — Eric Lewis, Jacyn Goble, Andy Nagy.

LINTAO ZHANG/GETTY IMAGES

Novak Djokovic celebrates after overcoming much adversity to beat Stefanos Tsitsipas, 6-3, 7-6 (7-4), 7-6 (7-5), in the Australian Open final.

22 SLAM TITLES
10 AUSTRALIAN
2 FRENCH
7 WIMBLEDON
3 US OPEN

Djokovic wins Australian Open

▶**AUSTRALIAN OPEN**
Continued from Page C1

In addition to gaining pole position to surge past the injured Nadal on the career Grand Slam list — and in the greatest-of-all-time debate — Djokovic reclaimed the top spot in the world rankings, making him, at 35, the second-oldest player to reach that rarefied realm, behind only Roger Federer, who was nearly 37 during his last stint on top of the tennis world.

Djokovic turns 36 on May 22. It's probably a bad idea to bet against his taking that record from Federer, as he has so many others.

The feat is even more noteworthy given how much tennis Djokovic has had to miss in the last year. He can't play in the United States because of his refusal to get a COVID-19 shot. Unless there is a change in that policy, he will again miss a major tournament in Indian Wells, Calif., in March, and the hard court swing this summer, which includes the US Open.

He is either stubborn or a man of principle — and more likely both.

Djokovic's score sheets might suggest that these last two weeks were little more than a vacation Down Under, with some tennis thrown in. He dropped only a single set in seven matches. His fourth-round, quarterfinal and semifinal tests were nearly complete wipeouts of opponents.

When Djokovic is on, as he was in the second week of this tournament, his game is all about firsts. Line-scraping first serves that give him the first point of his service games. First breaks of his opponents' serves that become a first dagger, and first-set wins for a player who rarely lets anyone creep back into a match.

He does not let opponents catch their breath, smacking returns at their shins, forcing them to hit yet another shot, and then another one, after they think they have won a point. It's tennis as a form of suffocation.

Tommy Paul, the American who was Djokovic's victim in the semifinal, said when it was over that much of the first set had been a blur. Paul has played tennis his whole life, but this time, the seconds between points, between the moment he hit a ball and the moment he was on the run chasing the next one, have never passed so quickly.

But Djokovic's reclamation mission in Australia was filled with hazards. Ahead of the tournament, he aggravated his hamstring, forcing him to take the court wearing a thick strapping around the injured area until the final. He hobbled through the first week, playing without the magical movement that is the foundation of his game.

Goran Ivanisevic, Djokovic's coach, said 97 percent of players would have pulled out of the tournament.

"He is from outer space," Ivanisevic said of Djokovic, who became even more aggressive because of his injury, smacking his forehand whenever he saw a chance to end a point quickly. "His brain works differently."

And then, as with so many of his previous injuries, a combination of rest, massages, and painkillers made the discomfort go away when it mattered most.

After that, only Tsitsipas, for years seen as tennis's heir apparent, stood in his way.

Maybe Sunday night in Australia, where the large, spirited Greek population has turned Tsitsipas into an adopted son, would be the night, especially with the No. 1 ranking on the line.

Then again, maybe not. Tsitsipas came out without the ease and fluidity that he had played with for nearly two weeks, and he fell behind early. Djokovic barely seemed to break a sweat as he took the first set.

"He's the greatest that has ever held a tennis racket," Tsitsipas said of Djokovic as he held his runner-up plate once more.

McIlroy builds lead in Dubai

ASSOCIATED PRESS

DUBAI, United Arab Emirates — Rory McIlroy delivered an exhibition of short iron play to shoot 7-under-par 65 in his third round Sunday and build a three-stroke lead at the Dubai Desert Classic.

The top-ranked McIlroy made eight birdies at Emirates Golf Club — four in a row from No. 1, three straight from No. 13, and another at No. 17 — and none of the birdie putts were from more than 7 feet.

McIlroy, who is making his first start of 2023, did give the chasers some hope. He made bogey at the par-5 No. 18, for his only dropped shot of the round, after hitting a fairway wood from around 250 yards into the water in front of the green. After missing a par putt from 8 feet, McIlroy had a look of disappointment across his face as he walked off the green, despite holding a commanding lead.

The four-time major champion made the same mistake on the 18th hole in his final round in last year's tournament to finish a shot behind the leaders, when a birdie would have won him the title.

McIlroy was on 15 under overall, with English players Callum Shinkwin (67) and No. 484-ranked Dan Bradbury (68) tied for second place.

Michael Thorbjornsen, a 21-year-old amateur from Wellesley, shot a 1-over 73 and is 9 under, dropping from a tie for the lead to a tie for 19th place.

Spanish player Adri Arnaus briefly held the lead on 13 under after eight holes of his round, but he fell away after bogeying No. 9 and making double bogey at the par-5 13th. Arnaus was also one of those on 11 under.

The tournament is finishing Monday after bad weather cut short play the opening two days.

ED BURNS TOURNAMENT

Fici flips script for Belmont

By Jake Levin
GLOBE CORRESPONDENT

ARLINGTON — Cam Fici has no problem drawing extra attention on the ice for the Belmont boys' hockey team.

Coming off a 36-goal campaign and more than halfway to that total already this season, Fici often hears "get on [No. 4]" from opposing coaches, a reference to his sweater number.

"That creates a lot of opportunities for my teammates," Fici said of drawing attention.

His abilities as a facilitator were the deciding factor Sunday in the opening round of the Ed Burns Coffee Pot Tournament.

Fici's connection with defenseman Peter Grace on an odd-man rush in the second period led to the winning strike in a 2-0 victory for the fifth-ranked Marauders over No. 8 Marshfield

Fici added an empty-netter with 12 seconds remaining in regulation for Belmont (10-1-2), knocking Marshfield (11-2-2) out of the running for a repeat title in the tournament. The goal was Fici's 20th of the season.

"Obviously, Marshfield was keying on [Fici]," Belmont coach Tim Foley said. "He's smart enough to know that if you put players around him, he draws them over and he can dish the puck off as well as shoot."

Greg Federico recorded 16 saves for a shutout for the Marauders, who eliminated Marshfield from the Division 1 state tournament last winter. Brady Quackenbush made 17 stops for the Rams.

In the top-tier Doherty Division, Belmont will face Arlington and Hingham will play Reading in the second weekend of the three-week tournament.

Arlington, 3, Braintree 2 — Drew Fecteau put the finishing touches on a comeback from two goals down in the third period with a power-play winner 56 seconds into overtime for the fourth-ranked Spy Ponders (10-2-2) over the 17th-ranked Wamps (6-4-1).

"For me, loving high school hockey like I do, this is like 'Field of Dreams,' " Arlington coach John Messuri said. "Seeing all the public schools coming into this rink here, it's awesome. What a great day of high school hockey."

Liam Gore and Stephanos Sotiropoulos scored in the third period for the Spy Ponders after Andrew Gaffney and Anthony Cappello scored in the second period for Braintree.

Hingham 3, Canton 1 — Connor Lasch, Joe Hennessey, and Brady Gannon (first career goal) scored in the first period as the third-ranked Harbormen (8-1-4) outlasted the 16th-ranked Bulldogs (11-3).

Reading 4, Wellesley 1 — Ben Wright, Cam Fahey, Robbie Granara, and Maxx Owens scored for the fifth-ranked Rockets (8-2-1).

Tewksbury 3, Burlington 1 — Senior Conor Cremin scored a pair of goals and junior Matthew Cooke added the go-ahead tally for the 13th-ranked Redmen (11-1-1) in a first-round Brinn Division matchup.

Senior Ben O'Keefe made 26 saves for the win at William Chase Arena in Natick.

MATTHEW J. LEE/GLOBE STAFF

Off a feed from Cam Fici, Belmont's Peter Grace beat Marshfield's Brady Quackenbush.

SportsLog

Malinin atop US men's figure skating

Ilia Malinin won his first national men's title Sunday, delivering a 177.38 free skate for a total score of 287.74 on the final day of the US Figure Skating Championships in San Jose, Calif. Malinin,18, landed three quadruple jumps and retained his 10-point lead over second-place finisher **Jason Brown**. **Andrew Torgashev** topped a strong weekend with a bronze medal, recording the highest segment score of the event with 177.78. Malinin's gold-medal free skate was not without flaws. He did doubles on two planned quads midway through his program, then recovered with a triple lutz, triple axel, triple toe loop sequence for his final jumping pass. He also fell on his signature quad axel; he is the only skater in history to cleanly land the 4½-revolution jump in competition.

Shiffrin's quest paused

Mikaela Shiffrin was quick to take the positives after realizing she had to wait for at least five more weeks before tying the World Cup record for most career wins with victory No. 86. The American skier finished runner-up to Germany's **Lena Dürr** in a slalom in the Czech Republic, the last World Cup race before the world championships, and remained one victory short of **Ingemar Stenmark's** total on the all-time overall winners list among men and women. Shiffrin's next chance to break Stenmark's record will be in March when she resumes World Cup racing after the Feb. 6-19 worlds in France . . . Germany captured the first two bobsled gold medals of this year's world championships, with **Laura Nolte** driving to the win in women's monobob and **Johannes Lochner** winning the two-man championship in St. Moritz, Switzerland. American **Kaillie Humphries** was second in monobob, the lone United States medal so far at the championships that continue next weekend. Germany also won gold medals in eight of the nine events at the luge world championships in Oberhof, Germany, and Germany's **Susanne Kreher** won the women's skeleton world championship in St. Moritz, while Britain's **Matt Weston** won the men's race.

WOMEN'S COLLEGE BASKETBALL

UConn wins 13th straight

Aubrey Griffin scored 19 points and No. 5 UConn beat No. 21 Villanova, 63-58, a year after losing to the Wildcats on the same court. **Dorka Juhasz** added 16 points and **Aaliyah Edwards** had 13, including key free throws for the Huskies (20-2, 12-0 Big East) in the team's 13th straight win . . . A season-high six players scored in double figures, led by **Ally VanTimmeren's** career-high 17, as Boston College topped Pittsburgh, 74-60, at Conte Forum. **Andrea Daley** had 10 points, 12 rebounds, and 4 steals, and **Maria Gakdeng** added 12 points and nine boards for the Eagles (14-10, 4-7 ACC) . . . **Abbey Ellis** made a season-high five 3 pointers and Purdue (15-6, 6-5 Big Ten) earned its first top-five road victory in program history, beating No. 2 Ohio State, 73-65. The Buckeyes (19-3, 8-3) lost their third straight after winning their first 19 games of the season.

MEN'S COLLEGE BASKETBALL

Providence rallies to win

Jared Bynum scored 17 of his 19 points after halftime, leading No. 23 Providence to a 70-65 win over Villanova. **Ed Croswell** scored 14 points for the Friars (17-5, 9-2 Big East), who trailed by 7 in the second half. **Cam Whitmore** had 21 points for Villanova (10-11, 4-6) . . . **Keith Higgins Jr.** had 19 points in Lehigh's 66-55 victory over Boston University. The Mountain Hawks (13-8, 8-2 Patriot) extended their winning streak to eight games. The Terriers (10-13, 3-7) were led in scoring by **Walter Whyte** (17 points) and **Fletcher Tynen** (15 points, 10 rebounds).

COLLEGE FOOTBALL

Georgia's Bennett arrested

Stetson Bennett, who led Georgia to its second consecutive college football national championship this month, was arrested in Dallas, where he is preparing for the NFL Draft, on a misdemeanor public intoxication charge. Officers responded to reports of a man banging on doors at 5:10 a.m. Bennett, a Heisman Trophy finalist last season, was released around noon and left without comment.

MISCELLANY

Mystics adding Sykes

The Washington Mystics agreed with former Atlanda Dream and Los Angeles Sparks guard **Brittney Sykes** on a multiyear contract, according to the Associated Press. The 29-year-old Sykes was named to the WNBA's all-defensive team the past three seasons. After adding Sykes, the Mystics will move on from forward **Alysha Clark**, their 2021 marquee free agent signing, who plans to join the Las Vegas Aces . . . Infielder **Josh Harrison** and the Philadelphia Phillies have reached agreement on a one-year deal. The 35-year-old Harrison batted .272 with seven home runs and 27 RBIs in 119 games for the White Sox last season. A National League All-Star in 2014 and 2017 with Pittsburgh, Harrison is a career .272 hitter across 12 seasons . . . The Yankees agreed to a $9.95 million, one-year contract with infielder **Gleyber Torres**, avoiding an arbitration hearing. Torres, 26, hit .257 with 24 homers and 76 RBIs in 140 games last year.

Scoreboard

	MON 1/30	TUE 1/31	WED 2/1	THU 2/2	FRI 2/3	SAT 2/4	SUN 2/5
Bruins			TOR 7:30 NESN				
Celtics			BRO 7:30 ESPN, NBCSB*		PHO 7:30 NBCSB		
Revolution				MIA (exh.) 11:30a			PHI (exh.) noon

Home games shaded — For updated scores: bostonglobe.com/sports

On the radio, unless noted: Bruins, Celtics, and Revolution, WBZ-FM 98.5; *WROR-FM 105.7

Colleges

BASKETBALL

MEN

HOW AP TOP 25 FARED

1. Purdue beat Michigan St., 77-61
23. Providence beat Villanova, 70-65

NEW ENGLAND

Colby 75, Conn. College 71
Iona 78, Quinnipiac 72
Lehigh 66, Boston University 55
Providence 70, Villanova 65
Rider 78, Fairfield 69 (OT)

OTHER EAST

Manhattan 81, Canisius 74 (OT)
Penn State 83, Michigan 61
Robt. Morris 68, Oakland 63
Siena 70, Marist 55
St. John's 75, Georgetown 73

SOUTH

Drake 79, Belmont 61
Furman 69, UNCG 57
Saint Joseph's 79, Geo. Mason 76
Wichita State 85, East Carolina 72

MIDWEST

Bradley 83, UIC 76
Cleveland State 78, IUPUI 72
Illinois St. 72, So. Illinois 66
Iowa 93, Rutgers 82
Purdue 77, Michigan St. 61
Youngstown St. 73, Detroit 63

SOUTHWEST

Memphis 80, Tulsa 68
SMU 82, South Florida 80

WEST

Hawaii 72, Bakersfield 69

Lehigh, 66-55

At Bethlehem, Pa.

BOSTON UNIVERSITY (10-13) — Chimezie 2-2 1-3 5, Brittain-Watts 0-0 0-0 0, Harper 3-6 1-2 7, Tynen 3-8 7-7 15, Whyte 5-12 6-9 17, Landrum 0-1 0-0 0, Brewster 0-4 1-2 1, Jones 1-5 0-0 2, Roy 1-3 0-0 2, Zink 0-0 2-2 2, Morales 0-3 4-6 4. Totals 15-44 22-31 55.

LEHIGH (13-8) — Adiassa 0-0 0-0 0, Knostman 0-2 0-0 0, Taylor 3-7 6-6 13, Whitney-Sidney 4-12 4-4 13, Higgins Jr 7-15 4-4 19, Alamudun 0-2 0-0 0, Betlow 0-0 0-0 0, Fenton 0-1 0-0 0, Momah 0-2 0-0 0, Tan 1-1 0-0 2, Parolin 2-4 5-8 9, Sinclair 2-6 4-4 10. Totals 19-52 23-26 66.

Halftime: Boston University, 27-26. 3-pt. goals: BU 3-17 (Harper 0-3, Tynen 2-5, Whyte 1-4, Brewster 0-1, Jones 0-1, Roy 0-1, Morales 0-2), Lehigh 5-21 (Knostman 0-1, Taylor 1-1, Whitney-Sidney 1-8, Higgins Jr 1-6, Fenton 0-1, Sinclair 2-4). Rebounds: BU 36 (Tynen 10), Lehigh 30 (Parolin 7). Assists: BU 3 (Chimezie, Whyte, Brewster 1), Lehigh 6 (Sinclair 3). Fouls: BU 24, Lehigh 24. A: 764.

WOMEN

HOW AP TOP 25 FARED

1. South Carolina beat Alabama, 65-52
2. Ohio State lost to Purdue, 73-65
3. Stanford beat Oregon, 62-54
5. UConn beat 21. Villanova, 63-58
6. Indiana beat Rutgers, 91-68
7. Notre Dame lost to 20. N.C. St, 69-65
8. UCLA lost to 9. Utah, 71-69
12. Virginia Tech beat Virginia, 72-60
13. Michigan beat Minnesota, 77-41
15. North Carolina beat Clemson, 69-58
16. Duke lost to 24. Florida St., 70-57
19. Arizona lost to Washingtn St., 70-59
22. Illinois beat Michigan St., 86-76
25. Colorado lost to USC, 71-54

NEW ENGLAND

Boston College 74, Pittsburgh 60
Chicago State 57, Hartford 49
Colby 47, Connecticut College 46
Northeastern 75, Monmouth 70
UConn 63, Villanova 58
UMass 83, Duquesne 61

OTHER EAST

Drexel 61, Elon 49
Hampton 74, Hofstra 55
Louisville 79, Syracuse 67
Stony Brook 83, Towson 66

SOUTH

Delaware 74, William & Mary 72
Florida St. 70, Duke 57
Georgia 62, Mississippi St. 34
Kentucky 77, Missouri 54
N.C. State 69, Notre Dame 65
North Carolina 69, Clemson 58
North Carolina A&T 76, Charleston 71
Richmond 94, Saint Joseph's 90 (OT)
South Carolina 65, Alabama 52
Vanderbilt 88, Texas A&M 79
VCU 60, Loyola Chicago 50
Virginia Tech 72, Virginia 60
Wake Forest 55, Miami 52

MIDWEST

Belmont 76, Evansville 58
Illinois 86, Michigan St. 76
Illinois St. 55, UIC 42
Indiana 91, Rutgers 68
Indiana St. 62, Murray St. 56
Kansas 85, Kansas St. 72
Marquette 65, Butler 63
Michigan 77, Minnesota 41
Northwestern 70, Wisconsin 67
Purdue 73, Ohio State 65
Valparaiso 78, Bradley 71

SOUTHWEST

Houston 82, Tulane 36
Mississippi 76, Arkansas 73 (OT)

WEST

California 64, Oregon St. 62
Stanford 62, Oregon 54
USC 71, Colorado 54
Utah 71, UCLA 69
Washington 55, Arizona St. 53
Washington St. 70, Arizona 59

Northeastern, 75-70

At Boston

MONMOUTH (10-11) — Kranbuhl 1-2 2-2 4, Carroll 1-4 0-0 3, Tinsley 1-3 1-2 3, Vanderhoop 6-8 0-0 15, Donovan 8-13 7-10 24, Farrelly 0-0 0-0 0, Hall 0-6 0-0 0, Panayides 0-3 0-0 0, Louro 2-7 0-0 6, Thomas 6-7 3-3 15. Totals 25-53 13-17 70.

NORTHEASTERN (10-9) — Bristol 1-2 2-4 4, Batts 3-3 2-2 8, Erdogan 5-11 0-0 11, Braxton 6-8 1-2 14, Motema 7-12 5-6 19, Kiefer 0-0 0-0 0, Idowu 2-2 0-0 4, Parker 2-4 0-0 4, Webb 4-4 0-0 11. Totals 30-46 10-14 75.

Halftime: Monmouth, 39-34. 3-pt. goals: Monm 7-19 (Carroll 1-1, Tinsley 0-1, Vanderhoop 3-4, Donovan 1-3, Hall 0-1, Panayides 0-2, Louro 2-7), NE 5-11 (Erdogan 1-4, Braxton 1-3, Motema 0-1, Webb 3-3). Rebounds: Monm 23 (Vanderhoop 6), NE 23 (Bristol 5). Assists: Monm 14 (Tinsley 4), NE 15 (Erdogan 6). Fouls: Monm 16, NE 18. A: 282.

UMass, 83-61

At Pittsburgh

MASSACHUSETTS (17-4) — Ngalakulondi 5-5 0-1 10, Breen 5-14 1-2 12, Philoxy 3-8 0-0 7, Mayo 4-8 0-0 9, Taylor 7-13 0-0 20, Brooks 0-2 0-0 0, Fair 0-0 0-0 0, Ferguson 0-0 0-0 0, Gabriel 0-0 0-0 0, Kulesza 2-4 0-0 5, Williams 2-3 0-0 6, White 5-14 4-5 14. Totals 33-71 5-8 83.

DUQUESNE (14-8) — Johnson 1-2 0-0 3, Bernard 1-5 0-0 2, Myers 3-8 0-0 8, McConnell 4-11 0-0 9, Hamilton 7-14 1-2 15, Lekeuneu 0-0 0-0 0, Westphal 0-1 0-0 0, Sunday 1-3 2-2 4, Wasylson 1-4 1-2 4, Walker 2-2 1-2 5, Townsend 3-8 5-7 11. Totals 23-58 10-15 61.

Halftime: Massachusetts, 49-25. 3-pt. goals: UMass 12-26 (Breen 1-4, Philoxy 1-4, Mayo 1-3, Taylor 6-11, Kulesza 1-2, Williams 2-2), Duq 5-21 (Johnson 1-1, Bernard 0-3, Myers 2-6, McConnell 1-5, Hamilton 0-3, Wasylson 1-3). Rebounds: UMass 46 (Taylor, White 9), Duq 33 (McConnell 8). Assists: UMass 23 (Philoxy 6), Duq 11 (McConnell 4). Fouls: UMass 16, Duq 14. A: 825.

Boston College, 74-60

At Chestnut Hill

PITTSBURGH (7-14) — Brown 4-7 3-5 11, Johnson 4-11 2-2 13, Strickland 5-9 1-2 13, Washenitz 0-1 0-0 0, King 1-4 0-0 2, Exanor 0-0 0-0 0, Ezeja 0-2 0-0 0, Hayford 0-2 0-0 0, Hutcherson 0-1 0-0 0, Malcolm 0-2 0-0 0, Lewis 3-9 0-0 8, Harris 6-13 0-0 13. Totals 23-61 6-9 60.

BOSTON COLLEGE (14-10) — Gakdeng 4-6 4-9 12, Daley 4-10 1-2 10, Lacey 4-9 0-0 10, Mair 4-11 0-0 10, Todd 5-9 0-1 12, Carman 0-0 0-0 0, McGee 0-2 0-0 0, Lezama 1-1 0-0 3, VanTimmeren 8-9 1-1 17. Totals 30-57 6-13 74.

Halftime: Tied at 26. 3-pt. goals: Pitt 8-24 (Johnson 3-5, Strickland 2-4, Washenitz 0-1, Hayford 0-2, Malcolm 0-2, Lewis 2-6, Harris 1-4), BC 8-22 (Daley 1-3, Lacey 2-5, Mair 2-8, Todd 2-5, Lezama 1-1). Rebounds: Pitt 29 (Brown, Johnson 6), BC 42 (Daley 12). Assists: Pitt 10 (Strickland, Washenitz, Lewis, Harris 2), BC 21 (Mair 9). Fouls: Pitt 11, BC 11. A: 1,604.

UConn, 63-58

At Hartford

VILLANOVA (18-4) — Dalce 1-6 0-0 2, Siegrist 9-23 6-6 25, Mullin 1-3 0-0 2, Burke 2-8 0-0 6, Olsen 7-17 4-5 19, Orihel 0-0 0-0 0, Olbrys 1-1 0-0 2, Runyan 1-4 0-0 2. Totals 22-62 10-11 58.

UCONN (20-2) — Edwards 3-9 7-8 13, Juhasz 6-10 2-2 16, Lopez Senechal 2-13 2-2 6, Muhl 4-6 0-0 9, Griffin 6-11 7-9 19, Patterson 0-0 0-0 0. Totals 21-49 18-21 63.

Halftime: UConn, 33-30. 3-pt. goals: Vill 4-21 (Siegrist 1-6, Mullin 0-1, Burke 2-6, Olsen 1-7, Runyan 0-1), UConn 3-10 (Juhasz 2-4, Lopez Senechal 0-3, Muhl 1-1, Griffin 0-2). Rebounds: Vill 33 (Siegrist 8), UConn 36 (Juhasz 7). Assists: Vill 9 (Olsen 4), UConn 7 (Muhl 3). Fouls: Vill 18, UConn 12. A: 14,375.

HOCKEY

MEN

NEW ENGLAND

Salve Regina 6, Nichols 3

WOMEN

NEW ENGLAND

New Hampshire 3, Connecticut 0
Princeton 11, Quinnipiac 3

ON THE AIR

PRO BASKETBALL

7:30 p.m.	LA Lakers at Brooklyn	NBATV
10 p.m.	Atlanta at Portland	NBATV

MEN'S COLLEGE BASKETBALL

7 p.m.	Loyola Maryland at Colgate	CBSSN
7 p.m.	N.C. Central at Norfolk St.	ESPNU
7 p.m.	Virginia at Syracuse	ESPN
9 p.m.	Baylor at Texas	ESPN
9 p.m.	Iowa State at Texas Tech	ESPN2
9 p.m.	Jackson St. at Southern	ESPNU

WOMEN'S COLLEGE BASKETBALL

6 p.m.	Penn State at Maryland	Big Ten
7 p.m.	Florida at Auburn	SEC
7 p.m.	Tennessee at LSU	ESPN2

MEN'S COLLEGE GOLF

4:30 p.m.	Southwestern Invitational	Golf

PRO HOCKEY

8 p.m.	St. Louis at Winnipeg	NHL

(Schedule subject to change)

Golf

DP WORLD: HERO DUBAI

At Emirates Golf Club, Dubai, UAE
Yardage: 7,428; par: 72

Rory McIlroy	66-70-65—201	-15
Dan Bradbury	73-63-68—204	-12
Callum Shinkwin	71-66-67—204	-12
Adri Arnaus	67-68-70—205	-11
Richard Bland	67-67-71—205	-11
Angel Hidalgo	66-70-69—205	-11
Shaun Norris	71-67-67—205	-11
Victor Perez	67-72-66—205	-11
Ian Poulter	65-71-69—205	-11
Patrick Reed	66-70-69—205	-11
Julien Brun	70-67-69—206	-10
Ryan Fox	69-71-66—206	-10
Justin Harding	70-68-68—206	-10
Lucas Herbert	69-67-70—206	-10
Calum Hill	70-67-69—206	-10
Marcus Kinhult	70-65-71—206	-10
Thomas Pieters	67-67-72—206	-10
Matt Wallace	68-68-70—206	-10
Alexander Bjork	69-70-68—207	-9
Louis de Jager	66-71-70—207	-9
Pablo Larrazabal	73-65-69—207	-9
M. Thorbjornsen	70-64-73—207	-9
Johannes Veerman	71-66-70—207	-9
Bernd Wiesberger	69-67-71—207	-9
Oliver Bekker	68-71-69—208	-8
Jacques Kruyswijk	69-69-70—208	-8
Robert MacIntyre	70-69-69—208	-8
Thorbjorn Olesen	70-67-71—208	-8
Ashun Wu	71-68-69—208	-8
J. Janewattanond	72-68-69—209	-7
Matthew Jordan	68-72-69—209	-7
David Law	71-69-69—209	-7
Min Woo Lee	73-65-71—209	-7
Richard Mansell	69-73-67—209	-7
Adrian Otaegui	69-70-70—209	-7
Kalle Samooja	73-68-68—209	-7
Jeunghun Wang	68-71-70—209	-7
Marcus Armitage	69-68-73—210	-6
Jorge Campillo	70-69-71—210	-6
Jens Dantorp	69-71-70—210	-6
Jamie Donaldson	72-70-68—210	-6
T. Fleetwood	68-70-72—210	-6
Daniel Gavins	68-70-72—210	-6
M. Helligkilde	70-71-69—210	-6
R. Langasque	69-70-71—210	-6
Niklas Moller	69-72-69—210	-6
Connor Syme	68-67-75—210	-6
Fabrizio Zanotti	69-73-68—210	-6
Ewen Ferguson	71-68-72—211	-5
Nicolai Hojgaard	70-69-72—211	-5
M. Angel Jimenez	73-69-69—211	-5
Lee Westwood	71-70-70—211	-5
John Catlin	72-68-72—212	-4
Grant Forrest	71-69-72—212	-4
Julien Guerrier	69-71-72—212	-4
Rasmus Hojgaard	71-71-70—212	-4
Andrew Johnston	72-68-72—212	-4
Maximilian Kieffer	73-67-72—212	-4
Joost Luiten	70-70-72—212	-4
Lukas Nemecz	73-68-71—212	-4
Yannik Paul	74-68-70—212	-4
Jordan Smith	76-66-70—212	-4
Henrik Stenson	70-72-70—212	-4
N. vonDelingshsen	71-69-72—212	-4
Ludvig Aberg	65-73-75—213	-3
Chase Hanna	70-70-73—213	-3
Sam Horsfield	70-71-72—213	-3
Daan Huizing	69-71-73—213	-3
Antoine Rozner	71-71-71—213	-3
M. Southgate	71-71-71—213	-3
Andy Sullivan	70-72-71—213	-3
Paul Waring	71-69-73—213	-3
Dale Whitnell	71-71-71—213	-3
Hennie Du Plessis	68-73-73—214	-2
Tyrrell Hatton	72-70-72—214	-2
Scott Jamieson	72-70-72—214	-2
Nathan Kimsey	73-69-72—214	-2
Mikael Lindberg	73-67-74—214	-2
Tapio Pulkkanen	70-72-72—214	-2
Marcel Schneider	71-71-72—214	-2
Jason Scrivener	71-71-72—214	-2
Justin Walters	72-70-72—214	-2
Daniel Hillier	71-71-73—215	-1
Marc Warren	74-68-73—215	-1
Luke Donald	70-72-74—216	E
Darius Van Driel	72-69-77—218	+2
Nicolas Colsaerts	71-71-77—219	+3

Tennis

AUSTRALIAN OPEN

At Melbourne Park, Melbourne
Men's singles
Finals

Novak Djokovic (4), def. Stefanos Tsitsipas (3), 6-3, 7-6 (4), 7-6 (5).

Tsitsipas-Djokovic

	Tsitsipas	Djokovic
1st-serve percentage	65	66
1st-serve winning pct.	72	82
2nd-serve winning pct.	51	62
Aces	15	7
Double faults	3	3
Winners	40	36
Unforced errors	42	22
Break points	1-3	2-5
Receiving points	22-100	34-106
Net points	12-17	10-15
Total points won	94	112

NBA G League

SUNDAY'S RESULTS

Westchester 103, Grand Rapids 94
Long Island 111, Capital City 98
Iowa 127, Oklahoma City 122
College Park 123, Motor City 107
Ciudad de Mexico 114, Texas 110
South Bay 152, Santa Cruz 118

MONDAY'S GAMES

Westchester at Lakeland, 7
Wisconsin at Long Island, 7
Memphis at Salt Lake City, 9
Rio Grande Valley at Agua Caliente, 10

TUESDAY'S GAMES

Texas at Sioux Falls, 7:30
Memphis at Salt Lake City, 9

WEDNESDAY'S GAMES

Grand Rapids at Greensboro, 7
Maine at Capital City, 7
Westchester at Wisconsin, 7
Delaware at Birmingham, 8
South Bay at Ciudad de Mexico, 9
Rio Grande Valley at Agua Caliente, 10

SATURDAY'S RESULTS

Birmingham 113, Maine 106
Fort Wayne 124, Lakeland 116
Greensboro 116, Wisconsin 102
Rio Grande Valley 126, Austin 110
Ciudad de Mexico 120, Texas 117
Memphis 110, Stockton 109

AHL

EASTERN CONFERENCE

Atlantic Division

	W	L	OL	SL	Pts.	GF	GA
Hershey	28	9	4	1	61	129	102
Providence	24	9	7	2	57	123	112
Charlotte	23	15	2	2	50	126	122
WB/Scran.	20	16	2	3	45	116	110
Lehigh Val.	20	16	3	2	45	119	127
Springfield	20	17	1	4	45	127	121
Bridgeport	19	17	6	1	45	140	143
Hartford	17	16	3	6	43	117	133

North Division

Toronto	29	11	1	1	60	149	130
Utica	22	14	5	1	50	125	123
Syracuse	20	14	3	3	46	146	127
Rochester	20	16	2	1	43	121	132
Laval	17	18	6	2	42	151	157
Cleveland	16	19	3	2	37	131	159
Belleville	16	22	3	1	36	133	157

WESTERN CONFERENCE

Central Division

Texas	23	9	6	2	54	150	111
Milwaukee	24	14	1	2	51	148	123
Iowa	21	14	3	3	48	124	121
Manitoba	22	14	2	1	47	121	122
Rockford	20	16	4	2	46	137	143
Gr. Rapids	16	20	2	2	36	110	148
Chicago	15	21	3	1	34	116	151

Pacific Division

Calgary	30	10	2	0	62	161	105
Coachella	28	7	3	1	60	147	109
Colorado	25	13	3	0	53	125	105
Abbotsford	23	15	2	2	50	145	131
Ontario	22	16	1	1	46	128	114
Tucson	20	19	4	0	44	146	148
San Jose	18	22	0	3	39	112	145
Bakersfield	16	21	2	1	35	113	133
Henderson	16	26	0	3	35	117	132
San Diego	12	31	0	0	24	112	169

SUNDAY'S RESULTS

Bridgeport 2, Hershey 0
Manitoba 3, Toronto 2
Syracuse 4, Providence 0
Grand Rapids 5, Chicago 3
Tucson 5, Abbotsford 2
Calgary 4, Ontario 1

MONDAY'S GAMES

Iowa at Texas, 8

TUESDAY'S GAMES

Grand Rapids at Milwaukee, 8
Manitoba at Rockford, 8
Tucson at Bakersfield, 9:30
Colorado at Ontario, 10
San Jose at Coachella Valley, 10

WEDNESDAY'S GAMES

Chicago at Cleveland, 7
Providence at Hartford, 7
Syracuse at Utica, 7
Hershey at Lehigh Valley, 7:05
Springfield at WB/Scranton, 7:05
Iowa at Texas, 8
Abbotsford at San Diego, 10

SATURDAY'S RESULTS

Charlotte 5, Rochester 3
WB/Scranton 3, Bridgeport 1
Iowa 5, Coachella Valley 2
Laval 7, Cleveland 4
Milwaukee 4, Grand Rapids 2
Providence 5, Utica 1
Syracuse 7, Hartford 3
Hershey 7, Lehigh Valley 3
Springfield 6, Belleville 1
Chicago 3, Rockford 2
Colorado 5, Texas 1
Tucson 6, Abbotsford 3
Bakersfield 5, San Jose 4
Calgary 6, Henderson 2
Ontario 7, San Diego 2

ECHL

EASTERN CONFERENCE

North Division

Newfoundld	30	10	1	61	163	118	
Reading	25	12	2	52	134	105	
Maine	24	12	1	50	143	109	
Worcester	22	17	3	47	146	144	
Adirondack	14	19	5	34	122	136	
Trois-Rivieres	15	24	2	32	117	152	
Norfolk	7	31	1	17	98	181	

South Division

Florida	25	9	3	55	132	106	
Jacksonville	25	13	1	51	136	120	
S. Carolina	22	10	4	49	131	102	
Greenville	21	10	7	49	125	114	
Atlanta	20	14	3	44	112	114	
Orlando	19	17	4	43	121	134	
Savannah	11	19	6	28	93	122	

WESTERN CONFERENCE

Central Division

Indy	28	12	2	58	161	123	
Cincinnati	22	11	4	50	130	117	
Toledo	22	15	4	49	141	121	
Fort Wayne	18	14	4	42	139	143	
Wheeling	19	17	4	42	119	123	
Kalamazoo	17	20	3	37	97	123	
Iowa	7	22	9	24	94	149	

Mountain Division

Idaho	32	7	1	65	166	81	
Wichita	23	16	3	49	137	119	
Rapid City	20	21	1	41	140	155	
Kansas City	17	16	5	39	122	131	
Utah	19	20	1	39	112	134	
Allen	18	21	1	37	123	146	
Tulsa	13	18	7	34	113	145	

SUNDAY'S RESULTS

Adirondack 7, Trois-Rivieres 3
Indy 6, Kalamazoo 2
Maine 5, Norfolk 2
Fort Wayne 3, Iowa 2
Tulsa 7, Allen 3
Cincinnati 4, Toledo 2

MONDAY'S GAMES

No games scheduled

SATURDAY'S RESULTS

Maine 6, Norfolk 2
Adirondack 5, Trois-Rivieres 3
Florida 2, S. Carolina 1
Jacksonville 5, Indy 4
Worcester 3, Reading 2
Toledo 6, Kalamazoo 0
Newfoundland 3, Cincinnati 1
Allen 6, Tulsa 0
Fort Wayne 2, Iowa 1
Wheeling 6, Kansas City 2
Idaho 3, Wichita 1
Utah 4, Rapid City 3

Premier League

	GP	W	D	L	Pts.
Arsenal	19	16	2	1	50
Manchester City	20	14	3	3	45
Newcastle	20	10	9	1	39
Man. United	20	12	3	5	39
Tottenham	21	11	3	7	36
Brighton	19	9	4	6	31
Fulham	21	9	4	8	31
Brentford	20	7	9	4	30
Liverpool	19	8	5	6	29
Chelsea	20	8	5	7	29
Aston Villa	20	8	4	8	28
Crystal Palace	20	6	6	8	24
Nottinghm Forest	20	5	6	9	21
Leicester City	20	5	3	12	18
Leeds United	19	4	6	9	18
West Ham	20	5	3	12	18
Wolverhampton	20	4	5	11	17
Bournemouth	20	4	5	11	17
Everton	20	3	6	11	15
Southampton	20	4	3	13	15

Latest line

COLLEGE BASKETBALL
Monday

Favorite	Pts.	Underdog
At Citadel	2½	Chicago State
At Colgate	17½	Loyola Maryland
At Norfolk St.	5½	N.C. Central
Virginia	5	at Syracuse
At Bethune-Ckm	1½	Alabama A&M
At Coppin St.	6	Delaware St.
At Morgan

boston.com/classifieds

notices & more

LEGAL NOTICES

LEGAL NOTICE
MORTGAGEE'S SALE OF REAL ESTATE

By virtue of and in execution of the Power of Sale contained in a certain mortgage given by Renee Anna Najda a/k/a Renee Najda to Mortgage Electronic Registration Systems, Inc., as mortgagee, acting solely as a nominee for CitiMortgage, Inc., dated August 3, 2007 and recorded in Middlesex County (Southern District) Registry of Deeds in Book 49913, Page 53 (the "Mortgage") of which mortgage Wilmington Trust, National Association, not in its individual capacity but solely in its capacity as trustee of MFRA Trust 2015-1 is the present holder by Assignment from Mortgage Electronic Registration Systems, Inc., its successors and assigns to CitiMortgage, Inc. dated October 13, 2010 and recorded at said Registry of Deeds in Book 55663, Page 153, and Assignment from CitiMortgage, Inc. to PennyMac Corp. dated September 18, 2012 and recorded at said Registry of Deeds in Book 60195, Page 116, and Assignment from PennyMac Corp. to Citibank, N.A., as trustee for the benefit of SWDNSI Trust Series 2010-3 dated August 27, 2012 and recorded at said Registry of Deeds in Book 60271, Page 344, and Assignment from PennyMac Corp. to Citibank, N.A., as trustee for the benefit of SWDNSI Trust Series 2010-3 dated June 24, 2014 and recorded at said Registry of Deeds in Book 63816, Page 527, and Assignment from Citibank, N.A., as trustee for the benefit of SWDNSI Trust Series 2010-3 to Christiana Trust, a division of Wilmington Savings Fund Society, FSB, not in its individual capacity, but solely as separate trustee for PMT NPL Financing 2015-1 dated November 12, 2015 and recorded at said Registry of Deeds in Book 66435, Page 466, and Assignment from Christiana Trust, a division Wilmington Savings Fund Society, FSB, not in its individual capacity, but solely as separate trustee for PMT NPL Financing 2015-1 to Citibank, N.A., not in its individual capacity, but solely as separate trustee for PMT NPL Financing 2015-1 dated May 31, 2016 and recorded at said Registry of Deeds in Book 67377, Page 292, and Assignment from Citibank, N.A., not in its individual capacity, but solely as separate trustee for PMT NPL Financing 2015-1 to PennyMac Corp. dated June 13, 2018 and recorded at said Registry of Deeds in Book 71470, Page 385, and Assignment from PennyMac Corp. to Wilmington Trust, National Association, not in its individual capacity but solely in its capacity as trustee of MFRA Trust 2015-1 dated June 21, 2018 and recorded at said Registry of Deeds in Book 71513, Page 200, for breach of conditions of said mortgage and for the purpose of foreclosing the same, the mortgaged premises located at 71 Flint Road, Concord, MA 01742 will be sold at a Public Auction at 10:00 AM on February 6, 2023, at the mortgaged premises, more particularly described below, all and singular the premises described in said mortgage, to wit:

The land with the buildings thereon situated in said Concord and shown as Lot 11 on a plan entitled "Monument Farm, Concord, Mass.", dated January 6, 1992, by Stamski & McNary, Inc. ("the Plan"), recorded with Middlesex South District Deeds as Plan No. 972 of 1993 in Book 23965, Page 499, said Lot 11 containing 3.5013 acres, more or less, or however otherwise said Lot 11 may be bounded, measured and described.

Notwithstanding anything to the contrary contained herein, mortgagor hereby subordinates but does not otherwise release the homestead recorded with said Registry of Deeds in Book 45109, Page 235 to terms of this mortgage and the note secured hereby.

Being the same premises conveyed to the herein named mortgagor(s) by deed recorded with Middlesex South District Registry of Deeds in Book 25320, Page 208.

For mortgagor's title see deed recorded with the Middlesex County (Southern District) Registry of Deeds in Book 25320, Page 208.

The premises will be sold subject to any and all unpaid taxes and other municipal assessments and liens, and subject to prior liens or other enforceable encumbrances of record entitled to precedence over this mortgage, and subject to and with the benefit of all easements, restrictions, reservations and conditions of record and subject to all tenancies and/or rights of parties in possession.

Terms of the Sale: Cashier's or certified check in the sum of $15,000.00 as a deposit must be shown at the time and place of the sale in order to qualify as a bidder (the mortgage holder and its designee(s) are exempt from this requirement); high bidder to sign written Memorandum of Sale upon acceptance of bid; balance of purchase price payable by certified check in thirty (30) days from the date of the sale at the offices of mortgagee's attorney, Korde & Associates, P.C., 900 Chelmsford Street, Suite 3102, Lowell, MA or such other time as may be designated by mortgagee. The description for the premises contained in said mortgage shall control in the event of a typographical error in this publication.

Other terms to be announced at the sale.

Wilmington Trust, National Association, not in its individual capacity but solely in its capacity as trustee of MFRA Trust 2015-1
Korde & Associates, P.C.
900 Chelmsford Street
Suite 3102
Lowell, MA 01851
(978) 256-1500
Najda, Andrew and Renee, 12-008763

LEGAL NOTICES

(SEAL)
COMMONWEALTH OF MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
Docket 23 SM 000125
ORDER OF NOTICE

To:
Altagracia Marmolejos

and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C. c. 50 §3901 (et seq):

Federal Home Loan Mortgage Corporation, as Trustee for the benefit of the Freddie Mac Seasoned Credit Risk Transfer Trust, Series 2018-3,

claiming to have an interest in a Mortgage covering real property in Brighton, numbered 1 Cypress Road Unit 107 aka 1-8 Cypress Road, Market Street Condominium, given by Altagracia Marmolejos to Washington Mutual Bank, FA, dated January 31, 2007, and recorded in Suffolk County Registry of Deeds in Book 41231, Page 178, as affected by a Loan Modification dated June 20, 2014, and recorded in Said Registry of Deeds in Book 53304, Page 301, and now held by plaintiff by assignment, has/have filed with this court a complaint for determination of Defendant's/Defendants' Servicemembers status.

If you now are, or recently have been, in the active military service of the United States of America, then you may be entitled to the benefits of the Servicemembers Civil Relief Act. If you object to a foreclosure of the above-mentioned property on that basis, then you or your attorney must file a written appearance and answer in this court at Three Pemberton Square, Boston, MA 02108 on or February 27, 2023, or you may lose the opportunity to challenge the foreclosure on the ground of noncompliance with the Act.

Witness, GORDON H. PIPER, Chief Justice of this Court on January 10, 2023.
Attest:
Deborah J. Patterson
Recorder
22-008859

CITY OF WALTHAM
IN THE CITY COUNCIL

Having had a First reading, the following loan authorization is before the Council for a Second reading which is the final reading:

Ordered:

THAT A SUM, NOT TO EXCEED $874,000, BE APPROPRIATED FOR EQUIPMENT AND TO RAISE THIS APPROPRIATION, THE TREASURER, WITH THE APPROVAL OF THE MAYOR, IS AUTHORIZED TO BORROW A SUM, NOT TO EXCEED $874,000, UNDER THE PROVISIONS OF MASSACHUSETTS GENERAL LAWS, CHAPTER 44, SECTION 7 OR ANY OTHER BORROWING AUTHORITY.

ANY PREMIUM RECEIVED BY THE CITY UPON THE SALE OF ANY BONDS OR NOTES APPROVED BY THIS ORDER, LESS ANY SUCH PREMIUM APPLIED TO THE PAYMENT OF THE COSTS OF ISSUANCE OF SUCH BONDS OR NOTES, MAY BE APPLIED TO THE PAYMENT OF COSTS APPROVED BY THIS ORDER IN ACCORDANCE WITH MASSACHUSETTS GENERAL LAWS, CHAPTER 44, SECTION 20, THEREBY REDUCING THE AMOUNT AUTHORIZED TO BE BORROWED TO PAY SUCH COSTS BY A LIKE AMOUNT.

FIRE PUMPER TRUCK	$874,000

Attest: Joseph W. Vizard, City Clerk

New Listings Everyday

boston.com/realestate

LEGAL NOTICES

IN THE CITY COUNCIL OF THE CITY OF WALTHAM
IN THE YEAR TWO THOUSAND TWENTY-THREE

Having had a First reading, the following zoning ordinance amendment is before the City Council for a Second reading, and Third reading which is the final reading.

Ordered: that the Waltham Zoning Ordinance, as most recently amended, is hereby further amended as follows:

Section 3.28 of the Zoning Ordinance, as most recently amended, is further amended by deleting said section in its entirety and replacing it with the following:

"3.28. Family child care homes. A private residence which, on a regular basis, receives for temporary custody and care during part or all of the day, children under 7 years of age, or children under 16 years of age if those children have special needs, and/or receives for temporary custody and care for a limited number of hours children of school age under regulations adopted by the state Board of Education and Care. The total number of children under 16 in a family child care home shall not exceed 6, including participating children living in the residence. Family child care home shall not mean a private residence used for an informal cooperative arrangement among neighbors or relatives, or the occasional care of children with or without compensation. The person holding the license from the Department of Early Education and Care under M.G.L. c. 15D for such a family child care home must file a copy of same with the Inspector of Buildings within 60 days of receiving the license or any renewal thereof."

The Waltham Zoning Ordinance is hereby further amended by adding a new section after Section 3.28 as follows:

"3.28A. Large family child care home. A private residence which, on a regular basis, receives for temporary custody and care during part or all of the day, children under 7 years of age, or children under 16 years of age if such children have special needs, and/or receives for temporary custody and care for a limited number of hours children of school age under regulations promulgate by the Board of Education and Care, but the number of children under the age of 16 in a large family child care home shall not exceed 10, including participating children living in the residence. A large family child care home shall have at least 1 approved assistant when required by M.G.L. c. 15D, section 1A and 606 CMR 7.10. Large family child care home shall not mean a private residence used for an informal cooperative arrangement among neighbors or relatives, or the occasional care of children with or without compensation. The person holding the license from the Department of Early Education and Care under M.G.L. c. 15D for such a large family child care home and, where applicable, the approved assistant licensed under M.G.L. c. 15D, shall provide copies of their licenses to the Inspector of Buildings within 60 days of receiving said license(s) or any renewal thereof."

The Waltham Zoning Ordinance is further amended by deleting Section 3.609 in its entirety and replacing same with the following:

"3.609. Family child care home; large family child care home. In the Business A, B and C districts, a residence used for family child care or large family child care must be on a lot of at least 6,000 square feet and have an enclosed outdoor play area of at least 3,000 square feet."

The Waltham Zoning Ordinance, Section 3.4. Table of Uses, is hereby amended by changing the title "Family day-care homes (Sec. 3.609)" to "Family child care homes (Sec. 3.609)."

The Waltham Zoning Ordinance, Section 3.4. Table of Uses, is hereby further amended by adding a line, following the new "Family child care homes (Sec. 3.609)" line to read as follows:

Large family child care (Sec. 3.609)								
RA-1	RA-2	RA-3	RA-4	RB	RC	RD	HR1	
Y	Y	Y	Y	Y	Y	Y	Y	
HR2	BA	BB	BC(1)	LC	C	I	C/R	Use reference
Y	S1	S1	S1	N	N	N	N	3.28A

Attest: Joseph W. Vizard, City Clerk

(SEAL)
COMMONWEALTH OF MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
Docket 23 SM 000120
ORDER OF NOTICE

To:
Elena V. Nefedova

and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C. c. 50 §3901 (et seq):

Wells Fargo Bank, NA, as trustee for Freddie Mac Securities REMIC Trust 2005-S001,

claiming to have an interest in a Mortgage covering real property in Allston, numbered 30 Blaine Street, given by Elena Nefedova to Washington Mutual Bank, FA, a federal association, dated April 12, 2005, and recorded in Suffolk County Registry of Deeds in Book 36896, Page 44, as affected by a Loan Modification dated July 10, 2013, and recorded in Said Registry of Deeds in Book 51763, Page 160, and now held by plaintiff by assignment, has/have filed with this court a complaint for determination of Defendant's/Defendants' Servicemembers status.

If you now are, or recently have been, in the active military service of the United States of America, then you may be entitled to the benefits of the Servicemembers Civil Relief Act. If you object to a foreclosure of the above-mentioned property on that basis, then you or your attorney must file a written appearance and answer in this court at Three Pemberton Square, Boston, MA 02108 on or February 27, 2023, or you may lose the opportunity to challenge the foreclosure on the ground of noncompliance with the Act.

Witness, GORDON H. PIPER, Chief Justice of this Court on January 10, 2023.
Attest:
Deborah J. Patterson
Recorder
22-007792

(SEAL)
COMMONWEALTH OF MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
Docket 23 SM 000131
ORDER OF NOTICE

To:
Kevin G. Lawyer; Stephney N. Lawyer and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C. c. 50 §3901 (et seq):

NewRez LLC d/b/a Shellpoint Mortgage Servicing,

claiming to have an interest in a Mortgage covering real property in Hyde Park, numbered 492b Huntington Avenue, Huntington Place Condominium Association, and Huntington Place Condominium Trust, given by Kevin G. Lawyer and Stephney N. LAwyer to Mortgage Electronic Registration Systems, Inc., as nominee for Fleet National Bank, its successors and assigns, dated August 27, 2003, and recorded in Suffolk County Registry of Deeds in Book 32689, Page 63, and now held by plaintiff by assignment, has/have filed with this court a complaint for determination of Defendant's/Defendants' Servicemembers status.

If you now are, or recently have been, in the active military service of the United States of America, then you may be entitled to the benefits of the Servicemembers Civil Relief Act. If you object to a foreclosure of the above-mentioned property on that basis, then you or your attorney must file a written appearance and answer in this court at Three Pemberton Square, Boston, MA 02108 on or February 27, 2023, or you may lose the opportunity to challenge the foreclosure on the ground of noncompliance with the Act.

Witness, GORDON H. PIPER, Chief Justice of this Court on January 10, 2023.
Attest:
Deborah J. Patterson
Recorder
22-002341

(SEAL)
COMMONWEALTH OF MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
Docket 23 SM 000140
ORDER OF NOTICE

To:
Felimon Quispe as Personal Representative of the Estate of Lucy Prado, a/k/a Lucy M. Prado, a/k/a Lucy Prado Chavaguri; Walter Quiroz Prado ; Norma Quiroz Prado AKA Nancy N. Quiroz Prado

and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C. c. 50 §3901 (et seq):

1900 CAPITAL TRUST II, BY US BANK TRUST NATIONAL ASSOCIATION, NOT IN ITS INDIVIDUAL CAPACITY BUT SOLELY AS CERTIFICATE TRUSTEE,

claiming to have an interest in a Mortgage covering real property in Boston (Jamaica Plain), numbered 8 Estrella Street, given by Lucy Prado to Mortgage Electronic Registration Systems, Inc., as nominee for Fremont Investment & Loan, dated October 24, 2003, and recorded in Suffolk County Registry of Deeds in Book 33126, Page 29, and now held by plaintiff by assignment, has/have filed with this court a complaint for determination of Defendant's/Defendants' Servicemembers status.

If you now are, or recently have been, in the active military service of the United States of America, then you may be entitled to the benefits of the Servicemembers Civil Relief Act. If you object to a foreclosure of the above-mentioned property on that basis, then you or your attorney must file a written appearance and answer in this court at Three Pemberton Square, Boston, MA 02108 on or before February 27, 2023, or you may lose the opportunity to challenge the foreclosure on the ground of noncompliance with the Act.

Witness, GORDON H. PIPER, Chief Justice of this Court on January 11, 2023.
Attest:
Deborah J. Patterson
Recorder
22-004333

LEGAL NOTICES

NOTICE OF MORTGAGEE'S SALE OF REAL ESTATE

By virtue and in execution of the Power of Sale contained in a certain mortgage given by Roberta Carroll to Mortgage Electronic Registration Systems, Inc., as nominee for Mortgage Equity Partners, LLC, dated July 1, 2016 and recorded in the Essex County (Southern District) Registry of Deeds in Book 35058, Page 425, of which mortgage the undersigned is the present holder, by assignment from:

Mortgage Electronic Registration Systems, Inc., as mortgagee, as nominee for Mortgage Equity Partners, LLC, its successors and assigns to NewRez LLC d/b/a Shellpoint Mortgage Servicing, recorded on April 19, 2022, in Book No. 40871, at Page 534

for breach of the conditions of said mortgage and for the purpose of foreclosing, the same will be sold at Public Auction at 1:00 PM on February 20, 2023, on the mortgaged premises located at 84 Aborn Street, Unit 2-305, Building B, Phase II, Maple Village Condominium, Peabody, Essex County, Massachusetts, all and singular the premises described in said mortgage,

TO WIT:
the Condominium Unit known as Condominium Unit Number 2- 305, in "Building B", in Phase II (hereafter called the "Subject Unit"), in the Condominium known as Maple Village Condominium, a Condominium (hereafter called the "Condominium"), established by Master Deed dated July 12, 2005, and recorded on July 13, 2005, in the Essex County Registry of Deeds, Book 24550, Page 82 (hereafter called the "Master Deed"), as amended by Maple Village Condominium Amendment of Master Deed to Add Phase II dated May 18 ,2006 and recorded on May 19, 2006, in the Essex County Registry of Deeds, Book 25684, Page 567. The post office address of the Condominium is 84 Aborn Street, Peabody, Essex County, Massachusetts 01960. The land is described in said Master Deed. This Deed, the Subject Unit and the Condominium are subject to the provisions of Massachusetts General Laws, Chapter 183A ("Condominiums"). The Subject Unit is shown on the "Maple Village Phase 2 Condominium" Site and Floor Plan filed in the Essex County Registry of Deeds and on the Unit Plan of the Subject Unit, which is attached hereto as Exhibit A, and the verified statement of a registered land surveyor in the form required by Massachusetts General Laws, Chapter 183A, Section 8 and 9, that is affixed to said Master Plans and Unit Plan. The Subject Unit is hereby conveyed together with:
1. An undivided 1.95 percent (1.95%) interest in the common areas and facilities of the Condominium described in the Master Deed, as amended, appertaining to the Subject Unit; and A license for the exclusive use of two(2) parking spaces the location of which shall be designated from time to time by the Trustees; and a license for the exclusive use to any balcony or terrace extending from the exterior walls of the Unit.
2. An easement for the continuance of all encroachments by the Subject Unit on the adjoining units or on the common areas and facilities existing as a result of construction of the Building, or that may come into existence hereafter as a result of:
(a) settling of the building; or
(b) condemnation or eminent domain proceedings, or
(c) alteration or repair of the common areas and facilities or any part thereof made pursuant to the provisions of the Master Deed as the same may be from time to time amended, or the provisions of the Declaration of Trust of the Maple Village Condominium Trust as same-may be from time to time amended; or
(d) repair or restoration of the Building or any Unit therein after damage by fire or other casualty; and
3. An easement to use all pipes, wires, flues, ducts, conduits, plumbing lines and other portions of the common areas and facilities located in the other units and serving the Subject Unit. The Subject Unit is hereby conveyed subject to:
4. Easements in favor of the adjoining units and in favor of the common areas and facilities for the continuance of all encroachments of the adjoining units or common areas and facilities on the Subject Unit existing as a result of construction of the Building or that may come into existence hereafter as a result of:
(a) settling of the Building; or
(b) condemnation or eminent domain proceedings; or
(c) alteration or repair of the common areas and facilities or any part thereof made pursuant to the provisions of the Master Deed as the same may be from time to time amended, or the provisions of the Declaration of Trust of the Maple Village Condominium Trust as same may be from time to time amended; or
d) repair or restoration of the Building or any unit therein after damage by fire or other casualty; and
5. An easement in favor of the Owners of other units to use all pipes, wires, flues, ducts, conduits, plumbing lines and other portions of the common areas and facilities located in the Subject Unit and serving the other units;
6. The provisions of the Master Deed and Master Plans of the Condominium recorded simultaneously with and as part of the Master Deed, and with the Master Deed as amended, and the provisions of the Declaration of Trust of the Maple Village Condominium Trust and the Bylaws and Rules and Regulations thereto (which Declaration of Trust of the Maple Village Condominium Trust, Bylaws and Rules and Regulations, dated July 12,2005, are recorded in the Essex County Registry of Deeds, in Book 24550, at Page 107) ,as amended, and as the same may be amended from time to time by instruments recorded with said Deeds, which provisions, together with any amendments thereto, shall constitute covenants running with the land and shall bind any person having at any time interest or estate in the Subject Unit, or parking spaces, including his or her family, tenants, servants, visitors and occupants, as though such provisions were recited and stipulated at length herein;
7. Easements, rights, obligations, provisions, agreements, restrictions, building line limitation, zoning regulations, public regulations, utility and telephone easements; rights, reservations and easements in favor of the Declarant of the Master Deed, and all other matters set forth or referred to in the Master Deed, and the Master Deed, as amended;
8. The provisions of Massachusetts General Laws, Chapter 183A ("Condominiums"). The Subject Unit is intended only for residential use by not more than one family unit, no more than two (2) unrelated persons, per bedroom. The Subject Unit shall not be used or maintained in a manner inconsistent with the provisions of the Master Deed, or of this Unit Deed, or the Maple Village Condominium Trust and the Bylaws and rules and regulations thereto, as the same may from time to time be amended.

For mortgagor's(s') title see deed recorded with Essex County (Southern District) Registry of Deeds in Book 35058, Page 420.

These premises will be sold and conveyed subject to and with the benefit of all rights, rights of way, restrictions, easements, covenants, liens or claims in the nature of liens, improvements, public assessments, any and all unpaid taxes, tax titles, tax liens, water and sewer liens and any other municipal assessments or liens or existing encumbrances of record which are in force and are applicable, having priority over said mortgage, whether or not reference to such restrictions, easements, improvements, liens or encumbrances is made in the deed.

TERMS OF SALE:
A deposit of Five Thousand ($5,000.00) Dollars by certified or bank check will be required to be paid by the purchaser at the time and place of sale. The balance is to be paid by certified or bank check at Harmon Law Offices, P.C., 150 California St., Newton, Massachusetts 02458, or by mail to P.O. Box 610389, Newton Highlands, Massachusetts 02461-0389, within thirty (30) days from the date of sale. Deed will be provided to purchaser for recording upon receipt in full of the purchase price. The description of the premises contained in said mortgage shall control in the event of an error in this publication.

Other terms, if any, to be announced at the sale.

NEWREZ LLC D/B/A SHELLPOINT MORTGAGE SERVICING
Present holder of said mortgage

By its Attorneys,
HARMON LAW OFFICES, P.C.
150 California St.
Newton, MA 02458
(617)558-0500
22605

NOTICE OF MORTGAGEE'S SALE OF REAL ESTATE

By virtue and in execution of the Power of Sale contained in a certain mortgage given by Mary A. Hallinan, William M. Hallinan, Jr. to Mortgage Electronic Registration Systems Inc., as nominee for Eastern Bank, dated June 16, 2010 and recorded in the Essex County (Southern District) Registry of Deeds in Book 29541, Page 384, of which mortgage the undersigned is the present holder, by assignment from:

Mortgage Electronic Registration Systems, Inc., as mortgagee, as nominee for Eastern Bank, its successors and assigns to Bank of America, N.A., recorded on October 16, 2019, in Book No. 37938, at Page 591

Bank of America, N.A. to Specialized Loan Servicing LLC, recorded on May 15, 2020, in Book No. 38518, at Page 565

for breach of the conditions of said mortgage and for the purpose of foreclosing, the same will be sold at Public Auction at 4:00 PM on February 27, 2023, on the mortgaged premises located at 15 Johnson Avenue, Peabody, Essex County, Massachusetts, all and singular the premises described in said mortgage,

TO WIT:
The land in Peabody, Essex County, Massachusetts, together with the buildings thereon, bounded and described as follows: EASTERLY by Johnson Avenue, forty-five (45) feet; SOUTHERLY by Lot No. 32 as shown on said plan, one hundred (100) feet; WESTERLY by Lot No. 10 on said plan, forty-five (45) feet; and NORTHERLY by Lot No. 30 on said plan, one hundred feet (100) feet.

For mortgagor's(s') title see deed recorded with Essex County (Southern District) Registry of Deeds in Book 12083, Page 293.

These premises will be sold and conveyed subject to and with the benefit of all rights, rights of way, restrictions, easements, covenants, liens or claims in the nature of liens, improvements, public assessments, any and all unpaid taxes, tax titles, tax liens, water and sewer liens and any other municipal assessments or liens or existing encumbrances of record which are in force and are applicable, having priority over said mortgage, whether or not reference to such restrictions, easements, improvements, liens or encumbrances is made in the deed.

TERMS OF SALE:

A deposit of Five Thousand ($5,000.00) Dollars by certified or bank check will be required to be paid by the purchaser at the time and place of sale. The balance is to be paid by certified or bank check at Harmon Law Offices, P.C., 150 California St., Newton, Massachusetts 02458, or by mail to P.O. Box 610389, Newton Highlands, Massachusetts 02461-0389, within thirty (30) days from the date of sale. Deed will be provided to purchaser for recording upon receipt in full of the purchase price. The description of the premises contained in said mortgage shall control in the event of an error in this publication.

Other terms, if any, to be announced at the sale.

SPECIALIZED LOAN SERVICING LLC
Present holder of said mortgage

By its Attorneys,
HARMON LAW OFFICES, P.C.
150 California St.
Newton, MA 02458
(617)558-0500
22441

Boston's Best Jobs

In the Careers Section of
The Boston Sunday Globe

The Boston Globe BostonGlobe.com boston.com | MONSTER

Experience **Globe.com**

LEGAL NOTICES

NOTICE OF MORTGAGEE'S SALE OF REAL ESTATE

By virtue and in execution of the Power of Sale contained in a certain mortgage given by David Scarborough to Mortgage Electronic Registration Systems, Inc. as nominee for Rocket Mortgage, LLC, FKA Quicken Loans, LLC, dated August 30, 2021 and recorded in the Suffolk County Registry of Deeds in Book 66258, Page 155, of which mortgage the undersigned is the present holder, by assignment from:

Mortgage Electronic Registration Systems, Inc., as mortgagee, as nominee for Rocket Mortgage, LLC, FKA Quicken Loans, LLC, its successors and assigns to Rocket Mortgage, LLC, FKA Quicken Loans, LLC, recorded on August 3, 2022, in Book No. 68034, at Page 152

for breach of the conditions of said mortgage and for the purpose of foreclosing, the same will be sold at Public Auction at 1:00 PM on February 6, 2023, on the mortgaged premises located at 56 Coffey Street, Unit 7, Neponset Bay Condominium, Dorchester (Boston), Suffolk County, Massachusetts, all and singular the premises described in said mortgage,

TO WIT:
Land situated in the City of Boston in the County of Suffolk in the State of MA UNIT#7 IN THE NEPONSET BAY CONDOMINIUM, SITUATED AT 56 COFFEY STREET, DORCHESTER, SUFFOLK COUNTY, MASSACHUSETTS, CREATED BY MASTER DEED DATED MARCH 24, 1981, AND RECORDED WITH SUFFOLK COUNTY REGISTRY OF DEEDS IN BOOK 9710, PAGE 203, AS THE SAME MAY HAVE BEEN AMENDED. THE UNIT IS LAID OUT AS SHOWN ON PLANS RECORDED WITH SAID MASTER DEED, AS AMENDED, AND , WITH THE FIRST UNIT DEED. SAID UNIT IS CONVEYED TOGETHER WITH, AND SUBJECT TO: 1.AN UNDIVIDED 6.50334861 PERCENT INTEREST APPURTENANT TO SAID UNIT IN THE COMMON AREAS AND FACILITIES OF SAID CONDOMINIUM; 2. THE RIGHTS AND EASEMENTS APPURTENANT TO SAID UNIT AS SET FORTH IN SAID MASTER DEED, AND IN THE DECLARATION OF TRUST. THE UNIT SHALL BE USED SOLELY FOR RESIDENTIAL PURPOSES AND SUCH PURPOSES ACCESSORY THERETO AS ARE PERMITTED FROM TIME TO TIME UNDER BOSTON ZONING LAW AND AS PERMITTED UNDER SAID MASTER DEED AND TRUST. "THE GRANTEE ACQUIRES THE UNIT WITH THE BENEFIT OF, AND SUBJECT TO, THE PROVISIONS OF M.G. L. C. 183A, AS THAT STATUTE IS WRITTEN AS OF THE DATE HEREOF AND AS IT MAY BE HEREAFTER AMENDED, THE MASTER DEED, THE CONDOMINIUM TRUST, BY-LAWS, RULES AND REGULATIONS, ALLAS MAY BE AMENDED, AND SUBJECT TO RESTRICTIONS SPECIFIED IN DEED RECORDED IN BOOK 11112, PAGE 239.Commonly known as: 56 Coffey St, Apt 7, Dorchester, MA 02122-2322

For mortgagor's(s') title see deed recorded with Suffolk County Registry of Deeds in Book 30489, Page 336.

These premises will be sold and conveyed subject to and with the benefit of all rights, rights of way, restrictions, easements, covenants, liens or claims in the nature of liens, improvements, public assessments, any and all unpaid taxes, tax titles, tax liens, water and sewer liens and any other municipal assessments or liens or existing encumbrances of record which are in force and are applicable, having priority over said mortgage, whether or not reference to such restrictions, easements, improvements, liens or encumbrances is made in the deed.

TERMS OF SALE:
A deposit of Five Thousand ($5,000.00) Dollars by certified or bank check will be required to be paid by the purchaser at the time and place of sale. The balance is to be paid by certified or bank check at Harmon Law Offices, P.C., 150 California St., Newton, Massachusetts 02458, or by mail to P.O. Box 610389, Newton Highlands, Massachusetts 02461-0389, within thirty (30) days from the date of sale. Deed will be provided to purchaser for recording upon receipt in full of the purchase price. The description of the premises contained in said mortgage shall control in the event of an error in this publication.

Other terms, if any, to be announced at the sale.

ROCKET MORTGAGE, LLC F/K/A QUICKEN LOANS, LLC
Present holder of said mortgage

By its Attorneys,
HARMON LAW OFFICES, P.C.
150 California St.
Newton, MA 02458
(617)558-0500
22336

(SEAL)
THE COMMONWEALTH OF MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
Docket Number: 22 SM 003441
ORDER OF NOTICE

To: Kanwaljit Kaur

and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C. c. 50 §3901 (et seq):

JPMorgan Chase Bank, N.A.

claiming to have an interest in a Mortgage covering real property in Natick, numbered 23 Indian Rock Road, given by Kanwaljit Kaur to Washington Mutual Bank, FA, dated April 20, 2004, and recorded in the Middlesex County (Southern District) Registry of Deeds in Book 42646, Page 174, as modified by a certain modification agreement dated April 1, 2020, and recorded with said Middlesex County (Southern District) Registry of Deeds in Book 74477, Page 206 and now held by the Plaintiff by assignment, has/have filed with this court a complaint for determination of Defendant's/Defendants' Servicemembers status.

If you now are, or recently have been, in the active military service of the United States of America, then you may be entitled to the benefits of the Servicemembers Civil Relief Act. If you object to a foreclosure of the above mentioned property on that basis, then you or your attorney must file a written appearance and answer in this court at Three Pemberton Square, Boston, MA 02108 on or before February 27, 2023 or you may lose the opportunity to challenge the foreclosure on the ground of noncompliance with the Act.

Witness, Gordon H. Piper, Chief Justice of this Court on January 12, 2023.
Attest:
Deborah J. Patterson
Recorder
22629

(SEAL)
THE COMMONWEALTH OF MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
Docket Number: 23 SM 000168
ORDER OF NOTICE

To: Evelyn Bone; Duane Syon Bone

and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C. c. 50 §3901 (et seq):

U.S. Bank Trust National Association, not in its individual capacity but solely as owner trustee for RCF 2 Acquisition Trust

claiming to have an interest in a Mortgage covering real property in Roslindale (Boston), numbered 111 Birch Street, given by Evelyn Bone; Duane Syon Bone to Mortgage Electronic Registration Systems, Inc., as nominee for GMAC Mortgage Corporation, dated July 21, 2003, and recorded in the Suffolk County Registry of Deeds in Book 32135, Page 97, and now held by plaintiff by assignment, has/have filed with this court a complaint for determination of Defendant's/Defendants' Servicemembers status.

If you now are, or recently have been, in the active military service of the United States of America, then you may be entitled to the benefits of the Servicemembers Civil Relief Act. If you object to a foreclosure of the above-mentioned property on that basis, then you or your attorney must file a written appearance and answer in this court at Three Pemberton Square, Boston, MA 02108 on or before February 27, 2023, or you may lose the opportunity to challenge the foreclosure on the ground of noncompliance with the Act.

Witness, Gordon H. Piper, Chief Justice of this Court on January 12, 2023.
Attest:
Deborah J. Patterson
Recorder
22931

(SEAL)
THE COMMONWEALTH OF MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
Docket Number: 23 SM 000185
ORDER OF NOTICE

To: Kathleen R. Fuentes

and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C. c. 50 §3901 (et seq):

NewRez LLC d/b/a Shellpoint Mortgage Servicing,

claiming to have an interest in a Mortgage covering real property in Sharon, numbered 5 Leo Road, given by Kathleen R. Fuentes to Mortgage Electronic Registration Systems, Inc., as nominee for New Penn Financial, LLC., its successors and assigns, dated September 14, 2018, and recorded in Norfolk County Registry of Deeds in Book 36309, Page 123, and now held by plaintiff by assignment, has/have filed with this court a complaint for determination of Defendant's/Defendants' Servicemembers status.

If you now are, or recently have been, in the active military service of the United States of America, then you may be entitled to the benefits of the Servicemembers Civil Relief Act. If you object to a foreclosure of the above-mentioned property on that basis, then you or your attorney must file a written appearance and answer in this court at Three Pemberton Square, Boston, MA 02108 on or before February 27, 2023, or you may lose the opportunity to challenge the foreclosure on the ground of noncompliance with the Act

Witness, Gordon H. Piper, Chief Justice of this Court on January 13, 2023.
Attest:
Deborah J. Patterson
Recorder
22-006513

Access your Globe subscription account online.

You can also take advantage of GlobeReader to have the news delivered straight to your desktop.

LEGAL NOTICES

City Of Boston Public Improvement Commission

January 26, 2023

Ordered: That due notice be given that this Commission is of the opinion that in said City of Boston the following public improvements will be considered at the request of the petitioner: Willow Baker LLC.

On a petition by the petitioner for the acceptance of a **Pedestrian Easement** adjacent to the following public ways in Dorchester:

•**Willow Court** – on its southwesterly side at address no. 78, generally between Enterprise Street and Baker Court;
•**Enterprise Street** – on its northwesterly side between Willow Court and Graham Court.

This Commission appoints **February 16, 2023**, at 10:00 AM, in Boston City Hall room 801, as the time and place for the Public Hearing to consider the petition of the petitioner.

JASCHA FRANKLIN-HODGE
EAMON SHELTON
BRADLEY GERRATT
SEAN LYDON
HENRY VITALE
KRISTEN MCCOSH
PUBLIC IMPROVEMENT COMMISSION

A trust copy of an order passed by said Commission on said day.

Attest:
Karen M. Powell
Executive Secretary

City Of Boston Public Improvement Commission

January 26, 2023

Ordered: That due notice be given that this Commission is of the opinion that in said City of Boston the following public improvements will be considered at the request of the petitioner: Willow Baker LLC.

On a set of petitions by the petitioner for the making of **Specific Repairs** within the following roadways in Dorchester:

•**Willow Court** – generally at address nos. 75 & 78, between Allstate Road and Enterprise Street;
•**Enterprise Street** – between Willow Court and Graham Court;
•**Baker Court** (private way) – generally at address no. 16, northeast of Willow Court;
•**Graham Court** (private way) – northwest of Enterprise Street.

This Commission appoints **February 16, 2023**, at 10:00 AM, in Boston City Hall room 801, as the time and place for the Public Hearing to consider the petition of the petitioner.

JASCHA FRANKLIN-HODGE
EAMON SHELTON
BRADLEY GERRATT
SEAN LYDON
HENRY VITALE
KRISTEN MCCOSH
PUBLIC IMPROVEMENT COMMISSION

A trust copy of an order passed by said Commission on said day.

Attest:
Karen M. Powell
Executive Secretary

City Of Boston Public Improvement Commission

January 26, 2023

Ordered: That due notice be given that this Commission is of the opinion that in said City of Boston the following public improvements will be considered at the request of the petitioner: Willow Baker LLC.

On a set of petitions by the petitioner for the **Widening & Relocation** of the existing right-of-way lines of the following roadways in Dorchester:

•**Willow Court**

TV CRITIC'S CORNER

BY MATTHEW GILBERT

WILLY SANJUAN/INVISION/AP

From left: actors Anna Uzele, Connie Britton, Colin O'Brien, and Taylor Schilling and creator and executive producer Jason Katims, from the Apple TV+ television series "Dear Edward."

This week: Big emotions in 'Dear Edward,' a Dionne Warwick documentary, and the Grammys

1. Jason Katims from "Friday Night Lights" reteams with Connie Britton in an Apple TV+ series adaptation of Ann Napolitano's novel **"Dear Edward,"** due Friday. It starts with a plane crash — I probably just lost a few of you — that leaves only one survivor, 12-year-old Edward (Colin O'Brien). Now without his beloved older brother and his parents, he moves in with his aunt (Taylor Schilling), who attends a regular support group for family members of those who died. Also in that group: Britton, whose super-wealthy character lost her husband. Expect grief and tears, but also hope, among the many big emotions.

2. After airing on CNN earlier in January, **"Dionne Warwick: Don't Make Me Over"** comes to streaming Thursday on HBO Max. The documentary tracks Warwick's life, including her childhood in New Jersey, her cross-over recording career during which she has sold more than 100 million records and won six Grammys, and her AIDS activism. Directed by Dave Wooley and David Heilbroner, it's loaded up with testimony from famous folks including Bill Clinton, Burt Bacharach, Clive Davis, Elton John, Gladys Knight, Gloria Estefan, Olivia Newton-John, Quincy Jones, Smokey Robinson, and Snoop Dogg.

3. There can never be too many awards shows, I know you all agree with me on that. And so here's one more, to fill that gap between all the critics-organization awards and the Oscars: Trevor Noah is hosting the **Grammy Awards** for the third time on Sunday at 8 p.m. on CBS. Beyonce leads the pack with nine nominations, Kendrick Lamar is right behind her with eight, and Adele and Brandi Carlile have seven each. Performers will include Bad Bunny, Mary J. Blige, Brandi Carlile, Luke Combs, Steve Lacy, Lizzo, Kim Petras, and Sam Smith.

4. Created by Charlie Brooker of "Black Mirror," the British mockumentary series **"Cunk on Earth"** follows investigative journalist Philomena Cunk, played by Diane Morgan. She's looking back at the history of civilization, including art, religion, and weaponry, and making solid observations, such as, "Rome's empire rose to supremacy under the leadership of Julius Caesar, the most notorious Roman until Polanski." Guest stars include Lisa Kudrow, Kumail Nanjiani, Hugh Grant, and Tracey Ullman, as well as academics who may not know they're on a comedy series. The six-parter premieres Tuesday on Netflix.

ASK AMY

Husband was unfaithful; now he's grounded forever

Q. Almost 10 years ago my wife discovered that I had been cheating on her, emotionally and physically, and that I had a porn addiction I couldn't control. We separated for a year but eventually ended up back together.

Years of therapy and support groups helped me to become the man I really want to be. And accountability, both digital and in the real world, help my wife to see that I remain faithful and dedicated.

Alas, at the age of 40, I feel that I spent most of my 30s living like a grounded teenager. I have freedom working for myself, but I'm not really allowed to use it. All I really want to do is surf and spend time in the ocean, but my wife is convinced this will somehow lead to me cheating on her.

Despite the fact that she can see my location at all times, and has full access to all my devices and every inch of my life, I think she has some trauma that therapy didn't really heal. Any anger I have will always be outweighed by a greater anger that she can generate.

I don't want to be ignorant of her needs but I'm slipping into deeper depression. I told myself I wouldn't live like this in my 40s. My wife seems to have no intention of loosening her grip on my life. It is destroying my well-being.

I am essentially the sole breadwinner, and I live today as a dedicated husband and partner. I have submitted to her every need for accountability.

Is it wrong to put my foot down and take a bit of my life back?

BETRAYER

A. You and your wife are both trapped by the breach in trust caused by your infidelity during your 20 s. But just how long is this jail sentence supposed to last?

After 10 years of therapy, transparency, and fidelity, you've proven that you want to and are able to remain faithful and trustworthy.

If you are currently this unhappy and angry in your marriage and haven't slipped back into your addictive behavior, your recovery seems a solid success.

Your wife has been living in a state of hypervigilance. This is damaging to her physical and mental health.

She should definitely resume therapy, and her goal should not be to change or retrain you, but to retrain her own brain away from rumination and anger, and toward balance, trust, and health.

It seems logical that if you both want to stay in this marriage but don't want to stay trapped and angry, then you should take this trust out for a spin and see what it can do.

Go surfing for the day. Your wife will have to feel her feelings, understand her anxiety, and find ways to cope with it. If she spends a lot of time policing you, she may also have to find other ways to fill that time with a job, a hobby, friends, and interests of her own.

Q. I'm a procrastinator unless I have deadlines. How can I deal with this?

PRACTICED PROCRASTINATOR

A. You've taken your question to the master procrastinator, Grasshopper.

Like many writers, I've perfected the fine art of procrastination, although I view it differently than I used to. I now see procrastination as being a potentially positive aspect of the creative process, because I tend to get a lot of things done while I'm busy putting off getting other things done. (Procrastinating writers tend to have very tidy houses.)

Starting can often be the hardest part. I call this, "Opening the envelope."

If you can force yourself to open the envelope, click on the e-mail, assign a title to the word document, schedule the Zoom call, you will have started. Work will often flow from simply getting started.

And yes, deadlines help — so set a deadline for yourself and offer yourself a small reward for meeting your deadline.

Your self-imposed deadline might look like this: "I'll start the project at 11 today. After I've done my work, I'll reward myself with one episode of 'Seinfeld.'"

Q. I was dismayed by your response to "Tempting Trainer," the total jerk who has fathered babies with two of his clients.

You suggested that he should "double up" on his condoms.

While I assume this was a joke, actually doing this would result in the condoms tearing.

CONCERNED

A. Several readers contacted me with this concern. Yes, I was joking, but I appreciate the concern and correction.

Amy Dickinson can be reached at askamy@amydickinson.com.

Monday January 30, 2023

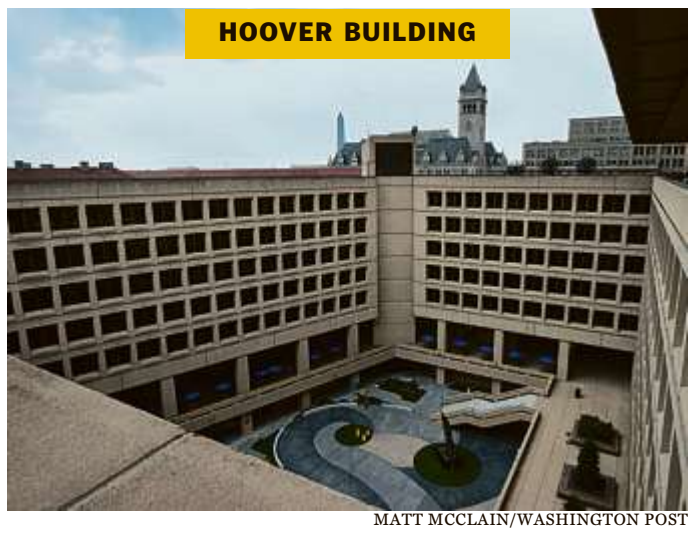
Movies Sports News Specials

		7:00p.m.	7:30p.m.	8:00p.m.	8:30p.m.	9:00p.m.	9:30p.m.	10:00p.m.	10:30p.m.	11:00p.m.	11:30p.m.
2	WGBH PBS	Greater Boston	R. Steves' Europe	Antiques Roadshow (CC) TV-G		Antiques Roadshow (CC) TV-G		Independent Lens (CC) HD TV-14			Amanpour-Co
4	WBZ CBS	Wheel of Fortune	Jeopardy! TV-G NEW	Neighborhood	Bob-Abishola	NCIS (CC) HD TV-14		NCIS: Hawai'i HD TV-14-L,V		WBZ News 11p	Late-Colbert
5	WCVB ABC	NewsCenter 5	Chronicle (CC)	The Bachelor (CC) HD TV-PG-D,L NEW				(10:01) The Good Doctor TV-14-V NEW		NewsCenter 5	Jimmy Kimmel
6	WLNE ABC	Hollywood	Inside Ed.	The Bachelor (CC) HD TV-PG-D,L NEW				The Good Doctor NEW		News	J. Kimmel
7	WHDH	Inside Edition TV-PG	Extra TV-PG NEW	Family Feud NEW	Family Feud NEW	7 News at 9PM (CC) NEW		7 News at 10PM (CC) NEW		7 News at 11PM NEW	Inside Edition TV-PG
9	WMUR ABC	Chronicle	News	The Bachelor (CC) HD TV-PG-D,L NEW				The Good Doctor NEW		News	J. Kimmel
10	NBC Boston	Boston News	Access Hollywood	America's Got Talent: All-Stars Winners, finalists and more audition. HD TV-PG-L NEW				Quantum Leap HD TV-PG-L,V		Boston News	Tonight Show
10	WJAR NBC	NBC 10 News	Extra TV-PG NEW	America's Got Talent: All-Stars Winners, finalists and more audition. HD TV-PG-L NEW				Quantum Leap HD TV-PG-L,V		News	Tonight Show
11	WENH PBS	Travelscope	R. Steves' Europe	Antiques Roadshow (CC) TV-G		Antiques Roadshow (CC) TV-G		Independent Lens (CC) HD TV-14			Amanpour-Co
12	WPRI CBS	Wheel of Fortune	Jeopardy! TV-G NEW	Neighborhood	Bob-Abishola	NCIS (CC) HD TV-14		NCIS: Hawai'i HD TV-14-L,V		12 News at 11 NEW	Late-Colbert
25	WFXT FOX	Ent. Tonight	TMZ (CC) TV-PG NEW	Fantasy Island HD TV-14 NEW		Alert: Missing Persons Unit TV-14 NEW		Boston 25 News at 10PM HD NEW		Boston News	National News
27	WUNI	La rosa de Guadalupe HD TV-14		La herencia HD TV-14 NEW		Los ricos también lloran HD NEW		Cabo HD NEW		Noticias Univisión	Noticiero Univision:
36	WSBE PBS	R. Steves' Europe	Weekend-Yank	Nature Arctic National Wildlife Refuge. TV-G		Charlie Bee Company Hunting bees. TV-PG		The Burren: Heart of Stone TV-PG		PBS NewsHour (CC) HD NEW	
38	WSBK	Big Bang Theory	Big Bang Theory	WBZ News 8p (CC) HD NEW		Daytime Jeopardy	Big Bang Theory	CBS News Boston Now on TV38 (CC) NEW		Seinfeld TV-PG	Seinfeld TV-PG
44	WGBX PBS	Test Kitchen	Antiques Roadshow	Midsomer Murders TV-PG		Agatha Christie's Marple TV-PG			Mary Berry's-	(11:03) PBS NewsHour (CC) HD NEW	
50	WWJE	Medical Examiner		Dateline (CC) TV-14		Dateline (CC) TV-PG		Dateline (CC) TV-PG		The Last 24 TV-14	
56	WLVI CW	Young Sheldon	Young Sheldon	All American (CC) HD TV-PG-D,L		All American: Homecoming TV-PG-D,L		7 News at 10PM on CW56 (CC) NEW		Modern Family	Modern Family
64	WNAC FOX	Family Feud NEW	Family Feud NEW	Fantasy Island HD TV-14 NEW		Alert: Missing Persons Unit TV-14 NEW		12 News on Fox Providence at 10pm NEW		Seinfeld TV-PG	Seinfeld TV-PG
68	WBPX ION	FBI (CC) TV-14-V		FBI (CC) TV-14		FBI OA must stop an arms dealer. TV-14		FBI (CC) TV-14-L,V		FBI (CC) TV-PG-L,V	
PREMIUM CABLE											
Cinemax		(6:10) ⋆ Geostorm (2017)		⋆⋆⋆ Danny Collins (2015) (CC) R				(9:47) ⋆⋆ What's Eating Gilbert Grape (1993) PG-13		(11:45) Profile R	
Flix		(6:15) ⋆⋆⋆ Dazed and Confused		⋆⋆ The Family (2013) (CC) A mob family is relocated to a sleepy French town. R				⋆⋆⋆ Bad Santa (2003) (CC) R		Feast of Love R	
HBO		(6:40) The Last of Us (CC) TV-MA		⋆⋆ Cold Pursuit (2019) (CC) R				The Last of Us (CC) TV-MA		Captain Phillips	
HBO 2		(5:50) ⋆⋆ Black Adam (2022)		The Last of Us (CC) TV-MA NEW		(9:20) ⋆⋆ Trouble With the Curve (2012) (CC) PG-13				(11:15) ⋆⋆ Street Kings (2008) R	
Showtime		(6:30) Agent Game (2022) (CC) R		Your Honor (CC) TV-MA		⋆⋆⋆⋆ Pulp Fiction (1994) (CC) Criminals cross paths in three interlocked tales of mayhem. R				Your Honor	
Showtime 2		(6:50) Homeland (CC) TV-MA		Wrong Turn (2021) (CC) Mountain dwellers terrorize hikers who stray off course. R				Your Honor (CC) TV-MA		⋆⋆ The Holiday (2006) PG-13	
Starz!		22 Jump Street R	(7:42) ⋆⋆⋆ Fury (2014) (CC) A sergeant takes his men on a mission behind enemy lines. R					BMF Terry tries to find a new supply. TV-MA		Captain America: The Winter Soldier	
TMC		(6:15) Dreamland (2019) (CC) R		⋆⋆⋆ Sense and Sensibility (1995) (CC) Two sisters forage for romance in 19th-century England. PG					⋆⋆⋆ Florence Foster Jenkins (2016) (CC) PG-13		
SPORTS											
CBSSN		College Basketball Loyola (Md.) at Colgate. From Cotterell Court in Hamilton, N.Y. NEW				Equestrian Longines FEI Jumping World Cup- North American League. TV-G NEW				MMA	
ESPN		College Basketball (CC) Virginia at Syracuse. From JMA Dome in Syracuse, N.Y. Live. NEW				College Basketball (CC) Baylor at Texas. From Moody Center in Austin, Texas. Live. NEW				SportsCenter With Scott Van Pelt NEW	
ESPN2		Women's College Basketball (CC) Tennessee at LSU. Live. NEW				College Basketball (CC) Iowa State at Texas Tech. Live. NEW				NFL Live (CC)	
Fox Sports 1		NASCAR Presents (CC) TV-PG		NASCAR Cup Series (CC) Busch Light Clash at The Coliseum.				NASCAR Race Hub (CC)		Greatest Races: NASCAR (CC)	
Golf		Coll. Golf	Golf Central TV-G NEW	College Golf (CC) Southwestern Invitational, First Round.						PGA	
NBA		Pregame	NBA Basketball Los Angeles Lakers at Brooklyn Nets. NEW					NBA Basketball: Hawks at Trail Blazers			
NBC Sports Boston		Early Edition (CC)		Best of Felger & Mazz Radio (CC)		Best of Felger & Mazz Radio (CC)		Boston Sports Tonight with Felger and Holley		Boston Sports Tonight with Felger and Holley	
NESN		My Story	My Story	Krejci at 1000		Bergeron at 1000		Chara at 1000		Champions	
FAMILY											
Cartoon		Scooby	Scooby	King/Hill	King/Hill	King/Hill	Burgers	Burgers	American	American	Rick
Disney		Hamster & Gretel	Big City Greens	⋆⋆⋆ Up (2009) (CC) PG			Hamster & Gretel	Big City Greens	Hamster & Gretel	Ladybug & Cat	Ladybug & Cat
Encore Family		A Mermaid's Tale G		⋆⋆ Paulie (1998)			(9:33) ⋆⋆⋆ Emma (1996) NR				Arctic
Nickelodeon		Loud	Sponge.	Sponge.	Sponge.	Friends	Friends	Friends	Friends TV-14-D,S		Friends
Nick Jr.		Peppa Pig	PAW	PAW	PAW	PAW	PAW	PAW	PAW	PAW	PAW

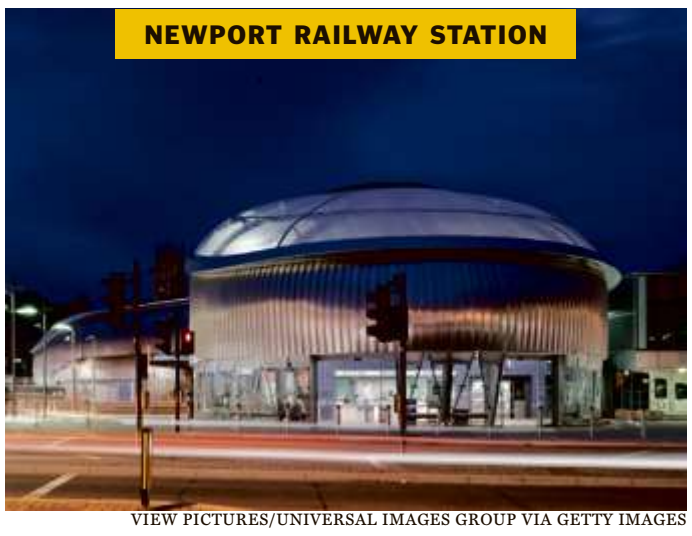
	7:00p.m.	7:30p.m.	8:00p.m.	8:30p.m.	9:00p.m.	9:30p.m.	10:00p.m.	10:30p.m.	11:00p.m.	11:30p.m.
BASIC CABLE										
A&E	The First 48 (CC) TV-PG		The First 48 (CC) TV-PG		The First 48 (CC) TV-14-L		(10:01) The First 48 (CC) TV-14		(11:04) The First 48 (CC) TV-14-L,V	
AMC	⋆⋆⋆ Gladiator (2000) (CC)							⋆⋆⋆ Gladiator (CC)		
Animal Planet	Naked and Afraid XL TV-14		Naked and Afraid XL TV-14		Naked and Afraid XL TV-14		Naked and Afraid XL TV-14		Naked and Afraid XL TV-14	
BBC America	Law & Order TV-PG		Law & Order TV-PG		Law & Order TV-PG		Law & Order TV-PG		Law & Order TV-14	
BET	House of Payne	(7:45) Tyler Perry's House of Payne (CC)	House of Payne		(8:55) Kevin Hart: Laugh at My Pain		⋆⋆ Kevin Hart: Let Me Explain (2013) (CC) Comic Kevin Hart performs in concert.			
Bravo	Below Deck (CC) TV-14-D,L		Below Deck (CC) TV-14-D,L NEW		Watch What	Below Deck (CC) TV-14-D,L		Below Deck Adventure (CC) TV-14		Love Without
CMT	Last Man	Last Man	Mike	Mike	Mike	Mike	Mike	Mike	Reba	Reba
CNN	Erin Burnett OutFront		Anderson Cooper 360		Anderson Cooper 360		CNN Tonight (CC) NEW		CNN Tonight (CC) NEW	
Comedy Central	The Office TV-14-L	The Office TV-14	The Office TV-14	The Office TV-14	The Office TV-14	The Office TV-14	The Office TV-14-L,V	The Office TV-14-L	The Daily Show	Seinfeld TV-PG
CSPAN	(4:30) U.S. House of Representatives (CC) NEW				Public Affairs Events (CC)					
CSPAN2	US Senate	Public Affairs Events								
Dest. America	Alaska	Alaska	Big Sky	Big Sky	Big Sky	Big Sky	Big Sky	Big Sky	Big Sky	Big Sky
Discovery	Street Outlaws		Street Outlaws (CC) The 405 try to regain momentum. TV-14 NEW						Street Outlaws	
Discovery Life	My 600-Lb. Life TV-PG		Body Bizarre TV-PG		Body Bizarre TV-PG		Body Bizarre TV-PG		Body Bizarre TV-PG	
E!	⋆ Billy Madison (1995) (CC)				⋆⋆ Happy Gilmore (1996) (CC)				E! News	SNL
Encore	(6:15) ⋆⋆ Alice R		⋆⋆ The Grudge (2004)				(9:36) Incarnation (2022) (CC) NR		(11:08) Nine Days R	
Food	Beat Bobby	Beat Bobby	Kids Baking Championship (CC) TV-G		Chopped (CC) TV-G		Chopped (CC) TV-G		Chopped (CC) TV-G	
Fox News	Jesse Watters		Tucker Carlson		Hannity (CC) Live. NEW		The Ingraham Angle		Gutfeld! (CC) NEW	
Freeform	(6:30) National Treasure: Book of Secrets (CC)				The Watchful Eye		The Watchful Eye		The 700 Club (CC)	
FUSE	Buffy, Vampire Slayer		Buffy, Vampire Slayer		My Wife	My Wife	My Wife	My Wife	Malcolm	Malcolm
FX	Mission: Impossible		⋆ Gone in 60 Seconds (2000) (CC)					⋆ The Waterboy (1998) (CC)		
FXM	(6:45) ⋆⋆⋆ The Revenant (2015) (CC)						(9:55) ⋆⋆⋆ The Revenant (2015) (CC)			
Hallmark	Wedding Veil		Love at First Glance (2017) (CC) TV-G				Gold Girls	Gold Girls	Gold Girls	Gold Girls
Hallmark M.&M.	Timeless Love (2018) (CC)				Love's Portrait (2022) (CC) TV-G				Murder, She Wrote	
HGTV	Fixer Upper (CC) TV-G		Fixer Upper: Welcome Home (CC) TV-G		Down Home Fab (CC)		(10:01) House Hunters (CC) TV-G		House Hunters	Hunters Int'l
History	History's Greatest Mysteries (CC) Ben Smith visits Jesse Marcel's family. TV-PG				History's Greatest Mysteries (CC) TV-PG		(10:03) History's Greatest Mysteries		(11:05) History's Greatest Mysteries	
HLN	Forensic	Forensic	Forensic	Forensic	Forensic	Forensic	Forensic	Forensic	Forensic	Forensic
HSN	Tech Shoppe		South Street		Adam's Open House		Adam's Open House		Mine Finds By	
ID	Fear Thy Neighbor (CC) TV-14		People Magazine Investigates (CC) TV-14		Death by Fame (CC) TV-14		The Playboy Murders (CC) TV-14		People Magazine Investigates (CC) TV-14	
IFC	Two Men	Two Men	Two Men	Two Men	Two Men	Two Men	Two Men	Two Men	Two Men	Two Men
Lifetime	Castle TV-PG-L,V		Castle TV-PG-L,V		Castle TV-PG-L,V		(10:03) Castle (CC)		(11:03) Castle (CC)	
LMN	Cheer Camp Killer		Cheer Squad Secrets (2020) (CC) TV-PG				First Class Fear (2022) (CC)			
MAGN	Maine Cabin Masters		Maine Cabin Masters		Maine Cabin Masters		Maine Cabin Masters		Maine Cabin Masters	
MSNBC	The ReidOut (CC) NEW		All In With		Rachel Maddow Show		The Last Word With		11th Hour	
MTV	Ridiculous	Ridiculous	Ridiculous	Ridiculous	Ridiculous	Ridiculous	Ridiculous	Ridiculous	Ridiculous	Ridiculous
National Geographic										
NatGeoWild	Dr. Oakley, Yukon Vet		Dr. Oakley, Yukon Vet		Dr. Oakley, Yukon Vet		Dr. Oakley, Yukon Vet		The Incredible Dr. Pol	
NECN	necn NOW NEW		Dateline (CC) TV-PG		Dateline (CC) TV-PG		LX Current-NECN		1st Look	Rescue
NewsNation	On Balance		Cuomo (CC) NEW		Dan Abrams Live NEW		Banfield (CC) NEW		Cuomo (CC)	
Ovation	Midsomer Murders (CC) TV-PG					Midsomer Murders (CC) TV-PG				
OWN	20/20: Homicide		20/20 on OWN		20/20 on OWN TV-14		20/20 on OWN TV-14		20/20 on OWN TV-14	
Oxygen	Floribama Murders		Floribama Murders		Monster		Monster		Monster	
Paramount	Two Men	Two Men	⋆⋆ Old School (2003) (CC)				⋆ Grown Ups (2010) (CC)			
QVC	Style Report TV-G NEW		Fashion's Night In (CC) TV-G						Jewelry Gifts	
Science	Expedition Unknown		Expedition Unknown		Expedition Unknown		Expedition Unknown		Expedition Unknown	
Sundance	NCIS A distraught naval officer. TV-14-V		NCIS (CC) TV-14-L,V		Law & Order (CC) TV-PG		NCIS (CC) TV-14-V		NCIS (CC) TV-14-D,L,V	
SyFy	(6:35) Harry Potter and the Deathly Hallows: Part 2 (2011)						⋆⋆ Battleship (2012) (CC)			
TBS	Sheldon	Big Bang	Big Bang	Big Bang	Big Bang	American	American	American	American	American
TCM	The Maltese Falcon		⋆⋆⋆⋆ Zorba the Greek (1964) (CC)					Movie		
TLC	Darcey & Stacey		Darcey & Stacey		Extreme Sisters TV-14		90 Days	90 Days	MILF Manor TV-14	
TNT	Thor	⋆⋆⋆ Avengers: Endgame (2019) (CC)							Gemini	
Travel	Mysteries- Unk.		Mysteries of the Unknown (CC) TV-PG				Mysteries of the Unknown (CC) TV-PG			
TruTV	Jokes	Jokes	Jokers	Jokers	Jokers	Jokers	⋆⋆ The Replacements (2000) (CC)			
TV Land	Andy G.	Andy G.	Raymond	Raymond	Raymond	Raymond	Raymond	Raymond	King	King
TV One	Cosby	Cosby	Fatal Attraction (CC)		Fatal Attraction: Last		PAYBACK		PAYBACK	
USA	Chicago Fire (CC) TV-14-L		WWE Monday Night RAW (CC) Live. TV-PG-V NEW						Nikki Bella Says I Do (CC) TV-14	
VH-1	VH1 Family		VH1 Family		The Impact: Atlanta		VH1 Family		The Impact: Atlanta	
WE	To Be Announced		To Be Announced		To Be Announced		To Be Announced		To Be Announced	

Content Ratings: TV-Y Appropriate for all children; **TV-Y7** For children age 7 and older; **TV-G** General audience; **TV-PG** Parental guidance suggested; **TV-14** May be unsuitable for children under 14; **TV-MA** Mature audience only **Additional symbols: D** Suggestive dialogue; **FV** Fantasy violence; **L** Strong language; **S** Sexual activity; **V** Violence; **HD** High-Definition; **(CC)** Close-Captioned

JILL LAWLESS/AP FILE



MATT MCCLAIN/WASHINGTON POST



VIEW PICTURES/UNIVERSAL IMAGES GROUP VIA GETTY IMAGES

Worse than Boston City Hall?

Brutalist building is 4th among world's ugliest

LANE TURNER/GLOBE STAFF/FILE

By Daniel Kool
GLOBE CORRESPONDENT

Good news for City Hall haters: it could be worse.

Boston's Brutalist centerpiece was recently deemed the world's fourth ugliest building in an analysis of tweets by Buildworld — to the unsurprise of many locals who have chided its blocky profile for decades.

But there are, apparently, three buildings uglier than City Hall in the world — disrupting skylines and angering locals on both sides of the Atlantic.

1. Scottish Parliament Building — Edinburgh

Following a 1997 landslide vote to establish the first Scottish Parliament in nearly 300 years, a competition was held to determine the design of its new home, which would be nestled into a site just across from the 17th-century Holyrood Palace in Edinburgh.

The winning design, selected from 70 submissions, remained controversial through its development and construction, as the floor plan grew and costs soared.

Today, 42 percent of tweets that mention the building are critical, according to Buildworld.

A mass of angular concrete and curved glass, the building's "branch-shaped design" is said to harken back to early Scottish architecture and aims to mirror the surrounding landscape, according to the Scottish Parliament's website. Designer Enric Miralles drew inspiration from the floral paintings of Charles Rennie Mackintosh.

Construction was completed in 2004 with a price tag of more than 400 million British pounds — or more than $750 million, according to The Guardian.

Mahesh Daas, president of Boston Architectural College, said the structure is fairly well-known among architects and scholars for its complexity.

Daas said the building is not "monumental" in the traditional sense, noting that seminal buildings usually draw from scale, symmetry, and easily recognizable forms. The many shapes of the parliament "are not discernable in any one way," he said.

He added that the fact that it made the ugliest buildings list is, in some ways, an accomplishment.

"That means that the building is noticeable, the building is being talked about," Daas said. "The building is actually engaging people through its aesthetic characteristics."

2. J. Edgar Hoover Building — Washington, D.C.

The waffle-walled, low-rise headquarters of the Federal Bureau of Investigation was completed in 1975, more than a decade after it was originally designed in 1963, just as Brutalism was solidifying its hold on the architectural community.

Brutalism, which emphasizes minimalist design and building materials such as raw concrete, became popular for government buildings throughout the mid-20th century. Construction of the Hoover building overlapped with that of Boston City Hall.

"It looks bureaucratic, as well as is bureaucratic. In that sense, it is maybe an expression of that bureaucracy," Daas said of the "mountainous" structure. "It's not a very inviting building by design."

On Twitter, that uninviting character spurs criticism in about 38 percent of all references to the headquarters.

Lucy Maulsby, associate professor of architectural history at Northeastern University, said Brutalist buildings can create "an aesthetic unease" in their viewers. She noted that former president Donald Trump railed against the Hoover building — and Brutalism more generally — as part of a push to "make America beautiful again," partly through architectural classicism.

"The FBI headquarters was one of the buildings that came up repeatedly as ugly, and therefore undesirable," Maulsby said.

3. Newport Railway Station — Newport, South Wales

Blueprints for what is now the second busiest train station in Wales drew inspiration from the massive, transparent domes of the Eden Project, a greenhouse complex in Cornwall, England that was erected seven years earlier, in 2000.

The station consists of a pair of domes connected by a pedestrian walkway over the train tracks. Its glass roofs "[flood] the concourse with light" to create a "spacious" and "contemporary" feeling inside, according to Transport for Wales, the nation's train service provider.

Its architects described the station as a "gateway opportunity not only to Newport, but to Wales herself," and aimed for a highly visible structure.

Maulsby called the station's design "a very different aesthetic altogether than any of the other examples" on the list. She also noted it appears somewhat "out of sync" with the traditional stylings of the region, which likely fuels the strong response from viewers.

In its roughly 15 years, the building has been nominated for a Carbuncle Cup (a once-annual award for the "ugliest building," bestowed by Building Design magazine), seen expansions (to the ire of locals), and required repair for a leaky roof. Buildworld's analysis found that the station is criticized in about 26 percent of all tweets about it.

4. Boston City Hall

The design for City Hall was selected from 256 submissions during an international competition held in 1962.

Its architects hoped to create an approachable civic hub for Bostonians.

Locals and visitors continue to debate their success. According to Buildworld's analysis, the building is criticized in roughly a quarter of tweets mentioning it. Yes, just a quarter of them.

Maulsby said it's difficult for her to separate City Hall's form from its political ambitions.

"Even if we are critical of elements of that moment in Boston's history, it was a building that was meant to be inclusive. It was meant to engage the public," she said. "It's lack of success in communicating those ideals and making them accessible doesn't necessarily mean it's a bad building."

Daas said the rough textures, like raw concrete, must be used with "great craft and great purpose," which City Hall's designers "achieved with mixed success."

The building's unusual form — isolated from the road and lacking a clear entrance — makes it physically as well as thematically inaccessible, he added.

5. Preston Train Station — Preston, England

Criticized in about 20 percent of analyzed tweets, Preston Train Station was also nominated for a Carbuncle Cup in 2017. At fifth place on Buildworld's list, it came in just behind behind Boston City Hall.

Critics have taken issue with the station's late-19th- and early-20th-century expansions, whose steel and glass walls flank and absorb the more traditional 1838 construction.

Maulsby said the station's inclusion in the list was somewhat surprising, calling it "remarkably uncontroversial to me."

"There must be reasons that people don't like it," she said. "I have to say I can't really see what those would be."

Daas said he has not seen the station in person, but agreed based on photos that "banality is a better description than ugliness."

Boring design can be an even greater sin than an openly ugly one, he said..

"The opposite of beauty is not ugly. The opposite of beauty is banality," Daas said. "Or nondescript, indifferent buildings. And the opposite of ugly would also be that."

Daniel Kool can be reached at daniel.kool@globe.com.

Rennie Harris's 'Rome and Jewels' is a poignant tale of woe

"Rome & Jewels" a hip-hop version of "Romeo and Juliet" by Rennie Harris's Puremovement American Street Dance Theater at the Emerson Cutler Majestic Theatre.

DANCE REVIEW

ROME AND JEWELS
Conceived, choreographed, and directed by Rennie Harris. Script by Harris, Ozzie Jones, Rodney Mason, d. Sabela Grimes, and Raphael Xavier. Lighting by Pamela Hobson, Andy Schmitz, and Peter J Jakubowski. Performed by Rennie Harris Puremovement American Street Dance Theater. Presented by Global Arts Live. At Cutler Emerson Majestic Theatre, Saturday.

By Jeffrey Gantz
GLOBE CORRESPONDENT

William Shakespeare's "Romeo and Juliet" has been adapted in almost every way you can imagine. Some versions, like the Serge Prokofiev ballet, stick pretty close to the Bard's original; others, like the Stephen Sondheim and Leonard Bernstein musical "West Side Story" and the Baz Luhrmann film "Romeo + Juliet," change the venue and take this tale of star-crossed lovers into the 20th century. Rennie Harris's "Rome and Jewels," which premiered in 2000, takes it further still; his hip-hop version has no visible Juliet. As presented by Global Arts Live in a remounted version performed by Rennie Harris Puremovement American Street Dance Theater Saturday at the Cutler Emerson Majestic Theatre, this 70-minute "Rome and Jewels" skimps on the storyline, but the combination of street dance and street Shakespeare is so dope, it almost doesn't matter.

The simple set comprises an urban skyline (presumably Harris's native Philadelphia), a panel of chain-link fence at each side of the stage, and a booth for the two DJs, Evil Tracy and DJ Razor Ramon. The six Monster Q's (Shakespeare's Montagues) arrive first; led by Rome (original cast member Rodney Mason), Merc (Joel Martinez), and Ben V (Phil Cuttino) in a Philadelphia Phillies cap, they greet the Old Man (Ozzie Jones), who's back in town and acting as a narrator for this tale of "star-crossed homies." After some philosophizing in a mash-up of Bardic verse and street slang, they break into a dizzying hip-hop routine, everybody in loose synch, against a blurry video of their dancing on the rear screen. The six Caps (Capulets) sport red streetwear (as opposed to the Q's mostly black) and, for one member, a New York Yankees cap. Their routine is just as dizzying but more b-boy and individualistic.

It's the rapid-fire dialogue that advances the narrative, however. "Don't call me Shorty," Rome tells his homies right off the bat, "it's not PC." He laments that you're not someone "till you've got a mural on some [expletive]'s wall; he starts singing YES's "Leave It." He quotes from Romeo, Juliet, Hamlet, the Bard's sonnets; Mason, who was in the original 2000 cast, is so convincing, you could wish he were doing straight Shakespeare. His version of the balcony scene starts, "But, soft! What light through yonder window breaks? It is the east and Jewels is the sun. She speaks, yet she says nothing. What up with that?" When shying pebbles at Jewels' window to get her attention doesn't work, he throws a stone that breaks the window, then realizes it was actually a neighbor's window and has to apologize.

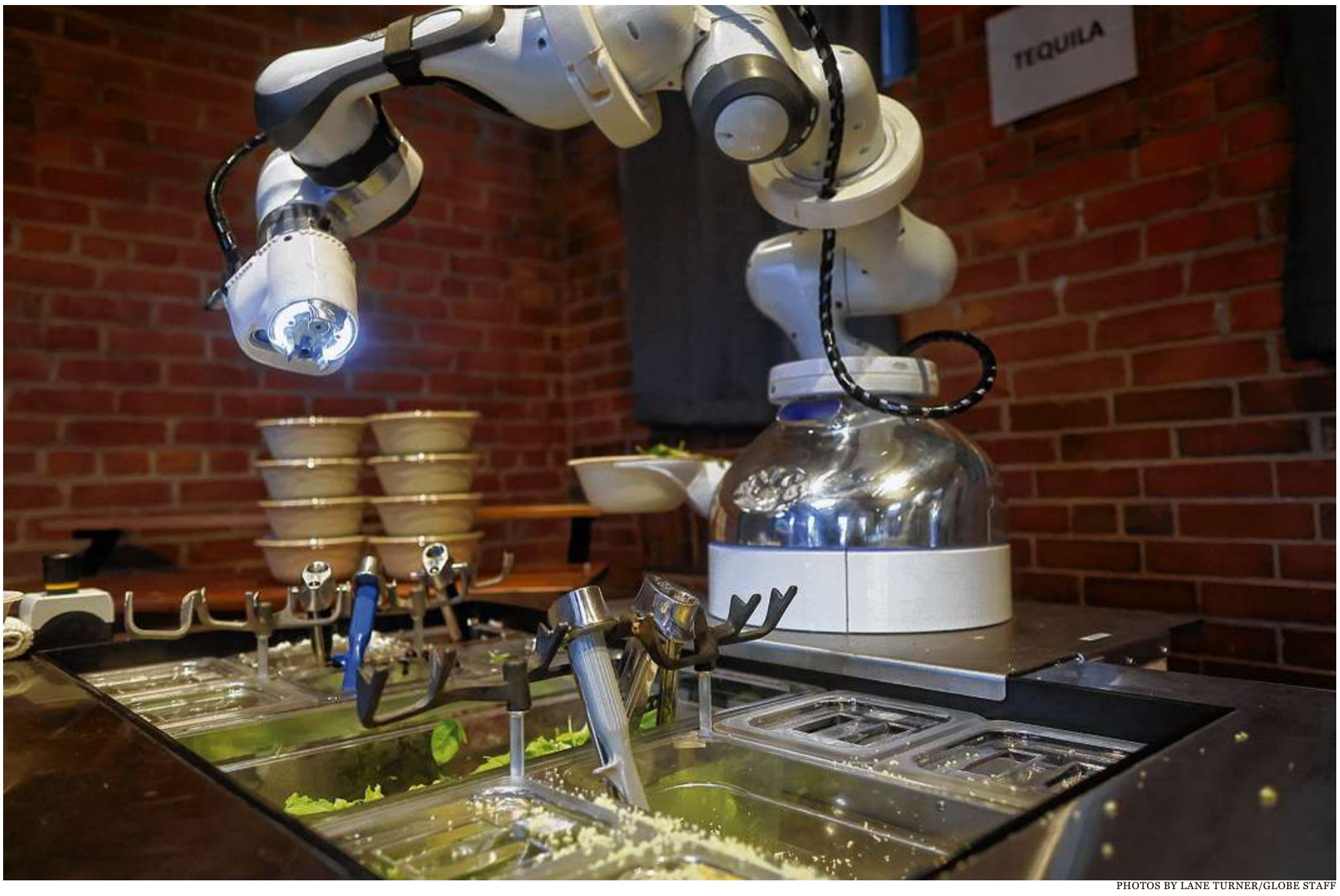
Rome has the best lines. Merc and Ben V do tell him, "You used to be hardcore. You used to be hip-hop. All of a sudden you're actin' a little R&B." And accompanying him to Jewels' balcony, they ask, "She got a sister?" But otherwise they don't really come into focus. Neither does Rome's romance. "Shall I compare thee to a summer's day" and "Wilt thou leave me so unsatisfied" are followed by "Jewels, you can't run out on me at the drive-in." Cap leader Tybault (original cast member Brandon Albright), meanwhile, asks an invisible Jewels, "Are you cheating on me?," as if he thought she was *his* girl. Forty minutes in, the relationship hasn't got any farther than the balcony scene. One of the Caps overhears Rome's wooing and tips off Tybault, who calls out Rome.

JOSH REYNOLDS FOR THE BOSTON GLOBE

At this point the spotlight shifts to Evil Tracy and Razor Ramon, who, in North Philly shirts, display their considerable turntable skills, delighting the audience in a 10-minute intermezzo. When the action resumes, the Monster Q's and the Caps face off in a dance competition/rumble, everyone showing off his or her (four of the actor/dancers are women) best moves, backflips, head spins, hand spins, shoulder spins, all set to video of newsreel war footage. The dance contest looks to be a draw; the rumble sees Merc emerge with a knife wound and crying "A plague on both your houses" in Spanish. The Q's respond by kicking the stuffing out of Tybault; Rome and Ben V stab him a few times for good measure and the Q's do a victory dance, after which Rome wails, "Oh I am fortune's fool." That's it; there's no bedroom scene, no tomb scene, no Jewels. Just Rome and company, fools well worth watching.

Jeffrey Gantz can be reached at jeffreymgantz@gmail.com.

INSIDE
Comics PAGE D4-5
Weather PAGE D5



PHOTOS BY LANE TURNER/GLOBE STAFF

When the chef is a ROBOT

SCOTT KIRSNER

INNOVATION ECONOMY

If the future of restaurants will involve robots, then it's being cooked up in Boston.

Two separate teams of engineers are chasing the holy grail of complete order accuracy, while also trying to surpass the speed of a human worker. One team works for a startup, Dexai Robotics, and the other for a publicly traded company, Sweetgreen, which in 2021 bought a local startup, Spyce, in a deal that could be worth over $50 million. The teams are both based in Charlestown.

Dexai recently landed an order for 10 robots from the Defense Logistics Agency, for installation at military bases around the United States. Sweetgreen plans to roll out the technology it is developing in two locations later this year, according to cofounder Nicolas Jammet. Bostonians got a glimpse of an earlier generation of the Sweetgreen meal assembly tech at restaurants that Spyce operated in Downtown Crossing and Harvard Square.

On a recent Wednesday, I dropped by Dexai's office at the invitation of Dave M.S. Johnson, the company's chief executive. Johnson had told me earlier that a well-trained human in a kitchen can assemble a salad in about 90 seconds, and that Dexai had managed to break the 2-minute barrier, putting together a salad with five ingredients in 1 minute and 45 seconds, on average. (I'd seen one of the robots at work last April, at a conference, and it moved somewhat ponderously.)

Dexai had four robots running, each assembling the same salad in a beige compostable bowl: a bed of couscous topped with lettuce, onions, black olives, and feta cheese. Supervising the bots was Brian Krieger, the company's cleverly titled

INNOVATION ECONOMY, Page D2

Employees check on robots at Dexai Robotics in Boston.

The robots

One of the Dexai robots was clocked producing the same salad multiple times, with five ingredients in the bowl. Average production time over three salads:
2 minutes, 12 seconds.

NOTE: Dexai says it has gotten the robots down to one minute and 45 seconds on some production runs — but that was not witnessed.

The humans

People were clocked producing different salads and meals, with at least five ingredients. Average production time over three meals:
37 seconds.

NOTE: A meal was ordered with exactly five ingredients from a worker at the counter, who assembled it in just under 20 seconds — while simultaneously chatting with an off-duty colleague.

Time trial: robots v. humans

The writer clocked the robot salad makers at Dexai's Charlestown office — and then compared them with humans working at a Sweetgreen location in Longwood Medical Center during the lunch rush. Dexai CEO Dave M.S. Johnson said that human workers can crank out a salad in about 90 seconds, a number his company was working to match; but the workers at Sweetgreen were much faster than that.

Ex-Biogen leader George Scangos to retire

Vir Biotechnology CEO to step down after nearly 40 years in industry

By Jason Mast
STAT

Vir Biotechnology CEO George Scangos, who ran Biogen during a crucial period in the Cambridge company's history, says he is retiring, ending a nearly 40-year-career as one of the industry's most recognizable executives.

Scangos, 74, will be succeeded in April by Marianne De Backer, a longtime pharma executive who currently heads pharmaceutical strategy at Bayer. She will inherit a company that rose to prominence during the pandemic by developing the antibody drug sotrovimab and is trying to repeat the success with a series of candidates for COVID and other infectious diseases.

STAT

In an interview, Scangos, noticeably emotional, said his reasons were simple. He had been a biotech CEO, virtually without interruption, since 1996.

DAVID PAUL MORRIS/BLOOMBERG

"I love the company. And I love the people here. And, you know, with sotrovimab and COVID, it feels like going through a war together. So to leave that — it's not easy," he said. On the other hand, he added, "I've been doing this for 26 years. And it's just time for me to move on to a different phase of my life."

Scangos first rose to prominence himself at Bayer, where he shepherded to approval the first hemophilia drug made with recombinant DNA, and then he led for 14 years Exelexis, one of the first biotechs that sought to use the newfound jamboree of genetic data to develop drugs. He put more than a half-dozen experimental molecules for cancer in clinical trials, including what became the approved medicine Cabometyx.

He is known most, howev-

SCANGOS, Page D3

Startup to offer primary care free from bias over obesity

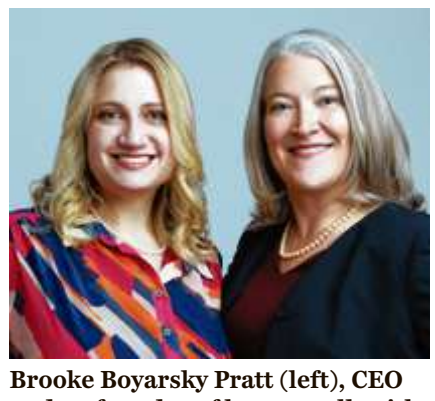
By Dana Gerber
GLOBE STAFF

It used to be that when Brooke Boyarsky Pratt saw a physician for the first time, she wore a T-shirt from her alma mater, Harvard Business School, to try to fend off misconceptions about her weight.

"I just had such patronizing, stigmatizing experiences with physicians, just not taking me seriously or assuming I'm not very smart, because of my lifelong struggle with obesity," she said.

It was these demoralizing experiences that spurred Boyarsky Pratt to start knownwell, a Boston-based health care company dedicated to combating weight bias in the doctor's office.

On Jan. 19, knownwell launched with $4.5 million in seed money led by local venture capital firm Flare Capital Partners, with additional funds from investors such as Larry Summers and Lydia Gilbert of Dia & Co.



Brooke Boyarsky Pratt (left), CEO and co-founder of knownwell, with Dr. Angela Fitch, co-founder and chief medical officer of knownwell.

The funds will go toward developing the first knownwell primary care clinic, currently under construction in Needham, which will offer both in-person

KNOWNWELL, Page D2

TALKING POINTS

WORKPLACE

COMMENTS ON PENSIONS STRIKE A SOUR NOTE FOR WORKERS IN FRANCE

The French are gearing up for another week of protests and angst. France's prime minister insisted Sunday that the government's plan to raise the retirement age from 62 to 64 is "no longer negotiable," further angering parliamentary opponents and unions who plan new mass protests and disruptive strikes this week. Raising the pension age is one part of a broad bill that is the flagship measure of President Emmanuel Macron's second term. The bill is meeting widespread popular resistance — more than 1 million people marched against it earlier this month — and misunderstanding about what it will mean for today's French workers. In an interview with France-Info radio broadcast Sunday, Prime Minister Elisabeth Borne said the age "is no longer negotiable." Retirement at 64 and a lengthening of the number of years needed to earn a full pension "is the compromise that we proposed after having heard employers' organizations and unions," she said. A union-led online petition against the retirement plan saw a surge in new signatures after Borne's comments. France's eight leading unions are in discussions Sunday about a joint response to her remarks, according to officials with two key unions. Lawmaker Manuel Bompard, whose France Unbowed party is leading the parliamentary push against the reform, called for "the biggest possible" turnout for upcoming strikes and protests. The government says the reform is necessary to keep the pension system solvent as France's life expectancy has grown and birth rates have declined. ASSOCIATED PRESS

RETAIL

BED, BATH, AND BARREN

Empty shelves. Dated merchandise. Sparsely populated stores. That was the scene in Bed Bath & Beyond Inc. locations across the country as the once-mighty home goods chain blazes toward bankruptcy in what could be the largest US retail collapse since Toys "R" Us. The retailer, based in Union, N.J., has warned it doesn't have the funds to pay its lenders, and stalled efforts to find a bidder could put the retailer on a path toward liquidation, Bloomberg News reported on Friday. It's a far cry from Bed Bath & Beyond's category-killer heyday, when the retailer's ubiquitous 20 percent-off coupons and cavernous stores made it a staple of back-to-school shopping lists and wedding registries across America. "There's not as much stuff here," said 77-year-old Angela Caponi, who was recently browsing the aisles at a Hamilton, N.J., store. Weeks after Christmas clearance items were gone from other retailers, the central New Jersey store was still hawking lighted tree toppers and matching red flannel pajamas for children and dogs. About 1,500 miles away near Dallas, employees and customers worried about the chain's future after the company said it would shutter another 87 stores in addition to the 150 closures it announced in August. If Bed Bath & Beyond were to close, "what would we be left with? Target and Walmart?" said shopper Marguerite Trail, 71. BLOOMBERG NEWS

Health care startup targets weight bias

▶**KNOWNWELL**
Continued from Page D1

and virtual services. Boyarsky Pratt expects to have about six physicians at the clinic — who will either already be certified in obesity medicine or trained by knownwell in obesity care delivery — along with nurse practitioners. There will also be providers with other specialties, including nutrition and behavioral health.

They hope to begin seeing patients by late March, and the clinic will accept insurance, she said.

Boyarsky Pratt teamed up with Dr. Angela Fitch, president of the Obesity Medicine Association, to launch knownwell. Fitch, who serves as the company's chief medical officer, said the goal is to become a one-stop-shop for patients.

Fitch said she believes the primary care model is well suited to offer knownwell patients a "clinician who cares about their overall well-being, more so than any kind of specific numbers or specific goal." But she added that the clinic also should be able to compassionately address weight-related issues, like sleep apnea or diabetes.

"Obesity and weight management issues, whether you're trying to maintain your weight or lose weight ... are long-term issues," said Fitch, who until recently was the associate director of the Massachusetts General Hospital Weight Center. "It's very challenging to treat them episodically like we do today."

According to the most recent data from the Centers for Disease Control and Prevention, about 41.9 percent of US adults age 20 and over are obese. In Massachusetts, about 27.4 percent of adults self-reported being obese.

Weight bias in health care is well-established, with a number of studies indicating that overweight and obese patients experience disrespectful treatment from providers, or are told that all of their health problems can be attributed to their weight. This can, in turn, result in poor health outcomes, since some of these patients may avoid or delay getting care in the future.

The "weight-inclusive clinic" in Needham will be "designed with our patient population in mind," said Boyarsky Pratt. This means having exam tables that can weigh patients who prefer not to use scales. (Patients will be weighed only when explicitly necessary, Boyarsky Pratt said.) There will also be "furniture that fits everyone," a private weighing area for those who are comfortable stepping on a scale, and blood pressure cuffs that accommodate all body types, she said.

Beyond making sure the space itself is inclusive, both Boyarsky Pratt and Fitch said the most crucial element of knownwell will be its environment of acceptance.

"Our biggest culture would be a culture of community," said Fitch. "Of trying to support each other, whether that's the care team community, or the patient community, and having that sense of belonging and that people are working together ... to be the healthiest version of ourselves."

Dana Gerber can be reached at dana.gerber@globe.com.

Engineers design kitchen robotics

PHOTOS BY LANE TURNER/GLOBE STAFF

▶**INNOVATION ECONOMY**
Continued from Page D1

chef de technologie. He previously worked at a Cambridge restaurant and at the Charles Hotel. The Dexai system is built around a robot arm made by Franka Emika, a German company.

First, a small lever with a suction cup at the end of it picks up the paper bowl. It makes three attempts to try to separate the top bowl from the others in the stack, but even then, it sometimes fails and picks up two. (Krieger says each bowl costs 56 cents, so every mistake adds a bit to the cost of the salad.) Then, the white robot arm identifies a series of specially designed kitchen implements, using a camera that can spot black-and-white QR codes printed on the end of them. It can connect to salad tongs or scoops, and place food in the bowl. The part of the robot that holds the bowl can instantly weigh it, to determine whether enough lettuce or olives have been added before the arm moves on to the next ingredient.

Krieger monitors a central station that alerts him when a robot runs out of an ingredient. He is also responsible for cleaning up spills at each salad station — the robots don't seem much messier than a human would be — and for putting a plastic lid on top of the bowl. Occasionally, there are other issues, like feta that gets mashed into a corner of its plastic bin and needs to be loosened up so the robot can get to it with its scoop. Krieger also picks up the finished salads and stacks them on a cart. For this lunchtime production run, each robot is making 15 salads.

I time a few salads, to see how fast the robots can work. The first one takes about 2 minutes and 22 seconds; Johnson says that the slower times can happen when the robot needs to make extra grabs or scoops of ingredients to get the right amount into the bowl. But the next two salads take 2 minutes and 7 seconds, from bowl in "hand" to finished salad. Johnson says the team has ideas about making the process faster, like by having the robot take pictures to assess its environment while it's moving, rather than stopping to do that.

The salad tastes great, dressed with balsamic vinaigrette. I probably would've added chicken, chickpeas, or croutons, but the robots weren't set up to take custom orders.

Dexai has raised $12 million since it spun out from Draper Laboratory, a nonprofit research and development firm in Cambridge, in 2018. The company has 15 employees. Johnson says it's doing ongoing pilots and demonstrations with potential customers and has one robot installed at Travis Air Force Base in California, as part of its deal with the Defense Logistics Agency. He says many organizations that run big cafeterias — colleges, hospitals, companies, military bases — seem to like the idea of automating some of the more routine and high-volume parts of their daily work. While Dexai has been focused on salads, Johnson says the technology can also be used to assemble various kinds of meals.

Dexai's rivals in the robotic lunch race got started a few years earlier, in 2015, as a startup called Spyce. After opening two restaurants in Boston and Cambridge, Spyce was acquired by Sweetgreen, a publicly traded California company that runs 180 healthy food restaurants around the United States. Both of Spyce's local restaurants were closed a few months after the acquisition, and Sweetgreen grew quiet about its plans for the technology.

After messages to Spyce's founders went unanswered, Jammet, the Sweetgreen cofounder, said he would speak with me. The Spyce team has largely remained intact, he says, with roughly 20 employees. He says it's been working on a third generation of the technology, advancing what Spyce had developed for its Harvard Square location. That system could work with hot and cold ingredients — even adding a sear to precooked chicken or broccoli.

A key difference between the Dexai and Spyce approaches is that Dexai's robot can be installed in an existing kitchen and perform a specific task. Spyce, now part of Sweetgreen, is more of a complete assembly-line system that requires a restaurant be designed around it.

"If you walk into any typical Sweetgreen, you can see how much of our energy is around assembly," Jammet says, noting that there are often separate production lines for orders placed digitally, versus in-store. The new technology will merge those two lines into what Jammet calls "the Sweetgreen engine."

"It allows us to rethink the customer experience, and redeploy people to hospitality moments" where they can interact with customers rather than toss items into a bowl, he says. "The team member gets to be friendly, and the engine gets to be fast and accurate."

Jammet notes that at busy times, even with well-trained staff, mistakes inevitably happen. He also says the average turnover in the quick service restaurant industry is about 150 percent, meaning a restaurant like Sweetgreen will have to replace the average cashier or prep cook 1.5 times in a year. "No job will be eliminated with this technology," he says. Instead, "these machines require teaching skills around maintaining them — how to be a technician, for example. That creates new career paths."

The company looked at both Dexai and Spyce as potential acquisitions but was more impressed that Spyce had shown how its technology could work in a real-world environment. "They had customers and revenue," Jammet says.

At some point in 2023, Sweetgreen plans to introduce the new assembly technology in two stores, Jammet says, though he doesn't want to disclose where they will be. He says the team in Charlestown has been running tests with customers in its office.

As Sweetgreen adds locations, he says, senior executives are "hyper-sensitive to our product getting worse as we scale," and they regard technology as a countervailing force. "We really believe that there is this future, evolved state," he says, "and we think automation is going to play an important role."

Lauren Abda, a partner at Branch Venture Group, agrees. "Finding people willing to perform all back-of-house and front-of-house tasks" in quick service restaurants has been a major challenge "well before COVID," she says. "The need for some level of automation to quick-service restaurant workflows is almost becoming a necessity." (Branch is a Boston-based network of individual investors who put money into food start-ups.)

"The honest truth is that many of the line jobs in food service are extremely repetitive and often back-breaking — and too often lead to more of the same for years and even decades," says John Pepper, a cofounder of the restaurant chains Boloco and B.Good.

Pepper and several other local investors, including Steve Fredette, founder of Toast, the Boston restaurant technology company, have put money into Hyphen, a San Jose, Calif., startup that is taking a similar approach to Sweetgreen, designing an automated assembly line system for food.

As robots and assembly lines begin to show up in restaurants, the biggest question is how they will be regarded by workers. As time-saving devices, like a good dishwasher, or as job eliminators? In recent months, chains such as Starbucks and Chipotle have been the target of successful unionization efforts.

Jammet says as Sweetgreen has been developing its new production technology, which it calls the "infinite kitchen," "every step of the way, we brought the operations team and our team members along with us."

Pepper says automation is "inevitable" in the restaurant industry, which is perennially searching for ways to keep a lid on food, energy, and labor costs. Unionization efforts, he says, "will obviously accelerate the move to automation." He envisions a future where restaurants offer "fewer, but more fulfilling job opportunities for those who love hospitality."

For now, though, the robots are still figuring how to match a human's speed at making lunch.

Scott Kirsner can be reached at kirsner@pobox.com.

David M.S. Johnson, CEO, (left) and Anthony Tayoun, chief operating officer at Dexai Robotics, a company designing robots to help with food preparation. The robotic arms use the tops of various utensils to grab "April tags," (left), which allows the arm to find the correct tool.

Therapy gives hope on blood disease

EVAN L'ROY

▶HEMOPHILIA
Continued from Page A1

would be coming up to have to go through some of the things that I had to go through living with hemophilia B," said Wiseman, financial services director for a San Francisco nonprofit.

CSL Behring, a drug company headquartered in King of Prussia, Pa., paid UniQure $450 million in 2020 for the global rights to Hemgenix. The firm plans to begin treating patients with severe hemophilia B in the United States by March 31. William Mezzanotte, CSL's head of research and development, said that "maybe a third" of the roughly 6,000 hemophilia B patients will be eligible for Hemgenix. He said "multiple" insurers have pledged to cover the cost of the treatment but declined to name them.

There are as many as 33,000 people in the United States with hemophilia, according to the Centers for Disease Control and Prevention. Predominantly male, they lack one of two key proteins needed for blood to clot. About 15 to 20 percent have hemophilia B while the rest have hemophilia A, which is caused by low levels of another protein known as factor VIII.

Hemgenix was approved based on two clinical trials of 57 men with severe or moderately severe hemophilia B. In one study with 54 volunteers, a single infusion led to an increase in clotting factor levels, reduced the rate of annual bleeding episodes, and enabled 94 percent of patients to stop injecting a clotting factor.

Despite those impressive results, several hemophilia doctors, advocates for patients, and patients themselves report widely varying interest in Hemgenix and in another potential gene therapy for hemophilia A called Roctavian. BioMarin Pharmaceutical, a San Francisco area drug firm, hopes the FDA will approve Roctavian this year.

Dr. Steven Pipe, a professor of pediatrics and pathology at the University of Michigan who served as principal investigator in the clinical trials for Hemgenix and Roctavian, said he has already spoken with two young men with hemophilia B who want to receive Hemgenix soon. Both had relatives in the trials. "It's very telling when you have family members of guys who have gone through this procedure who are now clamoring and calling and saying, 'I want what he had,' " said Pipe.

But Dr. Stacy Croteau, a pediatric hematologist and clinical researcher at Dana-Farber/Boston Children's Cancer and Blood Disorders Center, said no one has asked her for Hemgenix, although some patients are curious. The FDA approved Hemgenix for males 18 and older; some of Croteau's patients are as old as 24.

Many of her patients, she explained, lead relatively normal lives by injecting one of the two clotting factors a few times a week or month. Some had relatives with hemophilia who were infected with HIV and hepatitis C a generation ago and don't want to take a chance on a new technology, particularly because it's uncertain how long the benefits of gene therapy will last.

"Some are interested in learning more, but no one has said, 'Dr. C, I'm going to bust down your door to get it,' " she said. "It's not a slam dunk."

Garrett Hayes is among those in no rush. A 24-year-old medical scribe for a cardiologist in the Dallas area, Hayes has severe hemophilia A — the form that the experimental gene therapy Roctavian targets — and injects himself with factor VIII three times a week. He has been doing it since he was 8 years old and says it takes about 10 minutes.

Without the injections, Hayes said, his body produces less than 1 percent of the normal amount of factor VIII. But with them, he has run five marathons without fear of hemorrhages (his fastest time is three hours and 36 minutes), earned a master's degree in public health, and plans to attend medical school in the fall.

"I do think gene therapy is the most promising thing I've seen in my lifetime," he said. "But I kind of approach it with the if-it-ain't-broken-don't-fix-it mentality. There's too many unknowns for me to want to jump aboard that ship at this point."

Although hemophilia is rare, it has played an outsized role in history. The first cases of abnormal bleeding were documented in the 2nd century AD, according to the National Hemophilia Foundation. The Talmud, a collection of Jewish rabbinical writings on laws and traditions, said baby boys did not have to be circumcised if two of their brothers bled to death from the procedure.

Hemophilia was sometimes known as "the royal disease" because it afflicted the royal families of England, Germany, Russia, and Spain in the 19th and 20th centuries. Queen Victoria, who ruled England from 1837 to 1901, is believed to have been a carrier of hemophilia B.

Her great-grandson, Alexei Nikolaevich, the only son of the last czar of Russia and heir to the throne, was afflicted with hemophilia B. To stanch his bleeding, his mother, Empress Alexandra Feodorovna, turned to the notorious Siberian mystic and faith healer Rasputin.

In the late 1950s and much of the 1960s, fresh frozen plasma transfused in patients was the mainstay of hemophilia treatment. But because the plasma contained only tiny amounts of clotting factors, it required great volumes. Children often had to be hospitalized to stop bleeding, particularly into joints such as a knee or elbow. By the early 1970s, technological advances enabled patients to infuse themselves using bottles of freeze-dried factor concentrates made from pooled plasma.

The emergence of HIV in the early 1980s took a devastating toll on people with hemophilia. About half of them in the United States eventually became infected through contaminated blood products, and thousands died, according to the National Hemophilia Foundation.

In the 1990s, scientists developed genetically engineered clotting factors that don't come from human blood. The standard of care for treating hemophilia has also changed from stanching bleeding to preventing it with regular infusions of factors, a regimen called prophylaxis.

Given that clotting factor levels in the blood fall between infusions, some patients schedule them before activities that can cause bleeding, such as playing sports or undergoing surgery.

A gene therapy that provides lasting benefits would make that unnecessary, one of the reasons it has tantalized patients and scientists for 30 years. Although the first patients in the Hemgenix studies received it only five years ago, trial data suggest that it will protect people with moderate to severe hemophilia from uncontrolled bleeding for eight years, and maybe longer.

Matt Kapusta, chief executive of UniQure, developer of Hemgenix, said the vast majority of patients in the trial stopped needing replacement therapy and that for most of them, the gene therapy was "functionally curative." UniQure plans to manufacture Hemgenix in Lexington.

Although the $3.5 million price is eye-popping, CSL, which licensed the gene therapy, said that patients with moderate to severe hemophilia B can cost health care systems more than $20 million over their lifetimes, so it could actually save money in the long run.

Still, the price tag exceeded the $2.93 million to $2.96 million that the Institute for Clinical and Economic Review, an independent nonprofit drug-pricing watchdog in Boston, said would be fair.

Earlier this month, BioMarin, located in the San Francisco Bay area, unveiled encouraging data about Roctavian. It showed that over three years, 92 percent of 134 adults with hemophilia A who received the gene therapy no longer needed to inject clotting factor, and that annual bleeding episodes dropped by 80 percent.

BioMarin originally hoped the FDA would approve the gene therapy by the end of March, but Dr. Henry Fuchs, the company's president, said that deadline could get pushed to the end of June to give regulators more time to evaluate the latest data. "We're encouraged that those data will be viewed favorably by the FDA," he said.

But Dr. Leonard Valentino, chief executive of the National Hemophilia Foundation, said he was underwhelmed by the data because factor levels rose after infusions but then declined before stabilizing.

"If this were approved by the FDA and was available in the US, I think the uptake would be relatively minimal," said Valentino, who worked on a rival potential hemophilia gene therapy at Spark Therapeutics in Philadelphia before joining the foundation in 2020.

For his part, Wiseman has no regrets that he received the first approved gene therapy, for hemophilia B. He said he hopes it eases his 75-year-old mother's worries about his health. "My momma can see where I'm at, and I'm doing good," he said.

Garrett Hayes, a 24-year-old medical scribe for a cardiologist in the Dallas area, has severe hemophilia A — the form that is targeted by the experimental gene therapy Roctavian. He lives a vigorous life, negating his hemophilia through injections of clotting factor VIII, and is not inclined to try the new therapy.

Ryan Cross of the Globe staff contributed to this report. Contact Jonathan Saltzman at jonathan.saltzman @globe.com.

A child-size rifle, JR-15, is raising concerns

Lawmakers seek marketing inquiry

By Andrea Salcedo
WASHINGTON POST

A Chicago-based gun manufacturer that unveiled a child-size rifle, promoting it with cartoon skulls showing a boy in a mohawk and a girl in ponytails, is grabbing attention again.

Schmid Tool and WEE1 Tactical, the gun manufacturers that specialize in the popular AR-15-style rifle, launched the JR-15 last January, a "youth training rifle" that "looks, feels, and operates just like Mom and Dad's gun."

On Thursday, a group of Democratic senators pushed for more scrutiny, asking the Federal Trade Commission to launch an investigation into the company's marketing practices.

"The law says you shouldn't be marketing guns to kids," Senate majority leader Charles E. Schumer, Democrat of New York, said.

The FTC declined to comment.

The development and marketing of rifles like the JR-15 comes amid a decline in hunting as a hobby, which is how most gun owners were traditionally gifted their first weapon, experts told The Washington Post. These firearms, they say, open up a dangerous pathway for gun companies to place tactical and far more lethal weapons in the hands of children who are still psychologically and physiologically maturing at that age — all in the hopes of cultivating the next generation of American gun owners who will continue to fund the industry.

"This is a dramatic step forward in that not only have [Schmid Tool and WEE1 Tactical] manufactured an assault rifle for children, but they designed the advertising to appeal directly to kids," Josh Sugarmann, the executive director of the Violence Policy Center, told The Post.

The companies described the JR-15 as "designed with the safety and functionality to assist adults wishing to supervise the introduction of hunting and shooting sports to the next generation of responsible owners," and said retailers enthusiastically responded to the product after its launch.

It's unclear how many of these rifles, if any, the companies have sold since its release. Regulations set by the Bureau of Alcohol, Tobacco, Firearms and Explosives shield gun manufacturers from having to disclose the number of guns produced and sold across the country. Heidi Schaefer, a spokeswoman for the companies, did not respond to an emailed question about the number of JR-15s sold since its launch or to a question about a potential FTC probe.

The JR-15 made its first public appearance last January at the SHOT show in Las Vegas, what some would call the auto show of guns.

Attendees gathered around a corner booth with "JR-15" in big bold letters on a green banner to view the .22 caliber rifle displayed on its walls. Eric Schmid, the owner of Schmid Tool, described the rifle as a "scaled down AR-15" made out of polymer and weighing 2.2 pounds.

"It's about a 20 percent reduction in size, so it fits the kids really well and that will give them the confidence to hold this thing the way they should have confidence holding this thing," Schmid told an attendee. Schmid did not respond to a message from the Post.

Then-House Speaker Nancy Pelosi, Democrat of California, said the gun's advertising was "sickening" while holding a poster of it for lawmakers on the House floor. "Here is an advertisement for a JR-15, designed to be a so-called 'smaller, safer, lighter version' of the horrific AR-15, which has been used to murder so many of their playmates and friends," Pelosi said. "Look at these little skulls with ponytails."

Then, silence.

The company took down the JR-15's website, deleted its initial news release and went into virtual hibernation. Not much was said about the rifle until it re-emerged at this year's SHOT show in Las Vegas with a muted website, marketing campaign, and booth, just days after police say a 6-year-old student pulled out his mother's pistol and shot his teacher at a Virginia elementary school. A gun that was once among the most scanned products of the 2022 SHOT show was not mentioned in this year's conference website.

Scangos to retire after nearly 40 years in biotech

'George entered Biogen, and took the thorn from the lion's side and the lion roared again.'

JOHN MARAGANORE, *former CEO of Alnylam, on George Scangos's leadership at Biogen*

▶SCANGOS
Continued from Page D1

er, as the cerebral, soft-spoken executive who turned around Biogen starting in 2010, when he was brought in as CEO amid a brutal, drawn-out fight between the company and activist investor Carl Icahn. Although the company was one of the first biotechs and had developed important drugs, revenue was falling and its bureaucracy had become sclerotic.

Scangos discarded programs in diseases where he felt Biogen wasn't competitive, like cancer, and doubled down in areas he felt they were, like neuroscience. The results weren't always perfect — he bet $80 million on an ALS drug that showed zero efficacy — but included a partnership with Ionis on a then-unproven technology called antisense oligonucleotides.

The result was Spinraza, a drug that profoundly altered the trajectory of children born with the often-fatal rare disease spinal muscular atrophy. Scangos said he counts it among his greatest accomplishments. A second drug from Ionis, for a rare form of ALS, is now being reviewed by the Food and Drug Administration.

"George entered Biogen, and took the thorn from the lion's side and the lion roared again," said John Maraganore, former CEO of Alnylam.

Steve Holtzman, who joined Biogen as chief business officer months after Scangos's arrival, said he changed the culture at the company. Employees, Holtzman said, often acted "fearfully" when he arrived at the company. But Scangos recognized that innovation required failure.

"People could speak their truths without fear," he said. "They also felt that they were in an organization where the CEO cared about them and cared about their professional and personal development."

He was also the CEO who bet $2.5 billion on the Alzheimer's antibody Aduhelm, which would spark controversy when Biogen launched it in 2021 and ultimately reach only a tiny handful of patients. Scangos told *Insider* this month that he believes the drug worked but Biogen's leadership failed. They "shot themselves in the foot," he said, by pricing it "way too high."

Scangos resigned from Biogen in 2016. He emerged months later as CEO of Vir, a company launched with $500 million by Arch Venture and others to tackle infectious diseases, a field biotech and big pharma had largely pulled out of in favor of more lucrative fields.

"We got a lot of rolling eyes," said Vir chairman Vicki Sato.

Scangos, who joined in hopes of having a larger impact than he could developing drugs for the diseases biotech tends to focus on, legitimized the company, Sato added, "because if nothing else, people were saying, well, what's going on here? Why would George Scangos do this? He could do anything."

The pandemic accelerated the company's timeline. Sotrovimab, authorized in 2021, brought in billions of revenue and temporarily made the company profitable. It proved particularly pivotal after Omicron wiped out every other available antibody drug.

"We've shipped 2 million doses around the world that no doubt kept a lot of people out of the hospital and has saved a lot of lives. And that was incredible," Scangos said.

The FDA pulled sotrovimab's authorization last year after Omicron subvariants significantly reduced its ability to neutralize the virus, although it's still sold in other parts of the world. But the company is working on new, potentially broader antibodies.

They could represent the first new drugs that reach market under De Backer, although a slate of programs for hepatitis B, flu, and HIV are also in trials. Scangos said her biggest challenge will be figuring out which programs to invest in, which to invest less in or partner out, and whether to acquire new ones.

De Backer has years of experience in strategy, including spells in working on J&J's vaccines and infectious disease programs. She has spent the last three years expanding Bayer's reach, using acquisitions or partnerships to bring in technologies such as gene therapy, machine learning, and gene-editing.

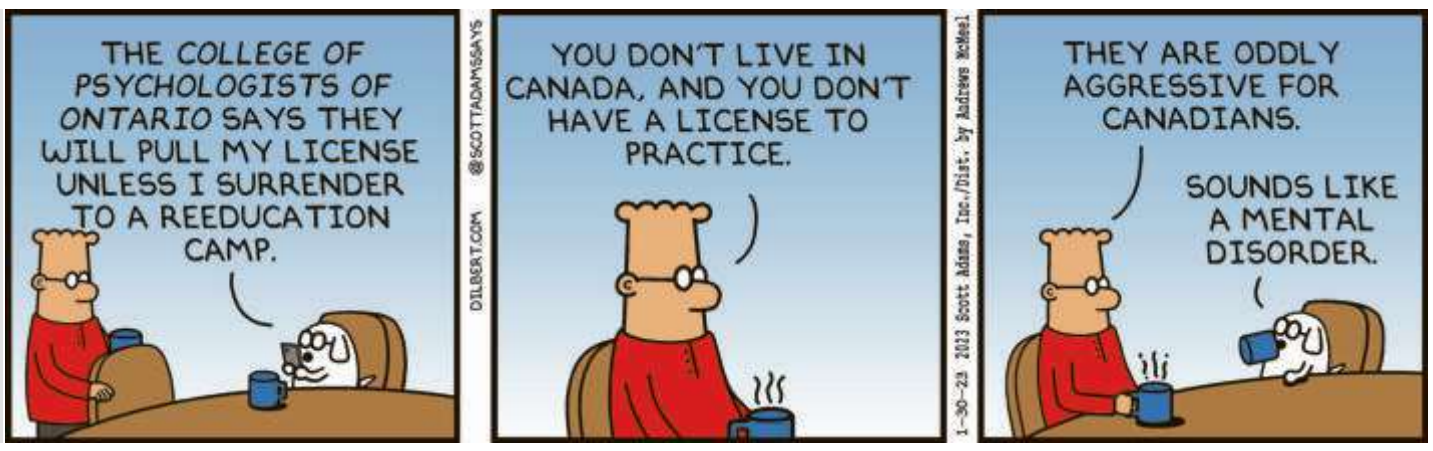
"She's a very strong strategic thinker, she has a proven ability to execute," Scangos said. "And she's just a good human being."

Scangos, meanwhile, will stay on to assist the transition and remain afterwards on the board. He cofounded a biotech called Rezo Therapeutics last year and he said he'd like to continue to guide the industry. He believes new technologies and new data science techniques will "make the last 30 years look slow compared to the next 30 years," he said, and he wants to make sure companies are doing the kind of risky research that will yield results.

His days as a CEO are done, he said, but he's not finished.

"I don't see a rocking chair in my near future," he said.

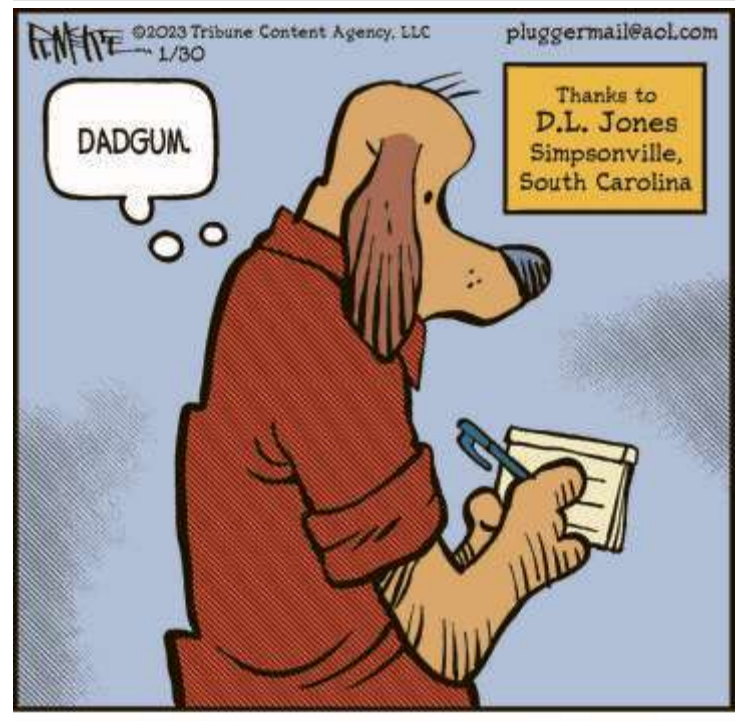
DILBERT by Scott Adams


THE COLLEGE OF PSYCHOLOGISTS OF ONTARIO SAYS THEY WILL PULL MY LICENSE UNLESS I SURRENDER TO A REEDUCATION CAMP.
YOU DON'T LIVE IN CANADA, AND YOU DON'T HAVE A LICENSE TO PRACTICE.
THEY ARE ODDLY AGGRESSIVE FOR CANADIANS.
SOUNDS LIKE A MENTAL DISORDER.
DILBERT.COM @SCOTTADAMS4SAYS
1-30-23 2023 Scott Adams, Inc./Dist. by Andrews McMeel

ZITS by Jerry Scott & Jim Borgman

WHATCHA GOT THERE?
MY MEMORY BOX.
JEREMY'S STUFF
THESE SPECIAL MEMENTOS PAINT A PICTURE OF MY ENTIRE CHILDHOOD.
THAT'S WHY I SAVED THEM ALL FOR YOU.
I CAN'T WAIT TO SEE HOW MUCH I CAN GET FOR THEM!
PROMISE YOU WON'T SELL YOUR BABY TEETH!

PLUGGERS by Rick McKee



The new year doesn't really sink in until a plugger writes 2023 on his fifth check of the year.

DOONESBURY by Garry Trudeau

DAD, HOW COULD ALL THESE ATHLETES BE SO CARELESS?
ANOTHER FAILURE OF OUR SCHOOL SYSTEM, SON...
PLUS, YOU GOT RICH, CHARISMATIC, LONELY YOUNG MEN ON THE ROAD DEALING WITH NON-STOP CARNAL PRESSURE! I MEAN, PEOPLE ARE GONNA GET PREGNANT, YOU KNOW?
DAD, DO I HAVE ANY SIBLINGS?
WHO KNOWS? LET'S NOT PERSONALIZE THIS, OKAY?

DUSTIN by Steve Kelley & Jeff Parker

HOW WAS THE NEW JOB?
I GOT MIXED REVIEWS.
ONE SUPERVISOR DIDN'T LIKE THAT I WAS UNDER-MOTIVATED, BUT ANOTHER SUPERVISOR...
...SAID THAT I WAS UNRELIABLE.

RED & ROVER by Brian Basset

BOY, DID I EVER HAVE A STRANGE DREAM JUST NOW, AND SO REALISTIC, TOO.
I DREAMT THAT I SOMEHOW, SOMEWAY, ENDED UP POSSESSING YOUR EXCEPTIONAL SENSE OF SMELL AND REMARKABLE SENSE OF HEARING.
LEMME GUESS — AND IN THE PROCESS, I NOW HAVE YOURS?
YES, AND YOU DON'T HAVE TO YELL.

ARCTIC CIRCLE by Alex Hallatt

JUST STOP OIL'S PROTESTS IN ROADS AND ART GALLERIES ANNOY PEOPLE.
...THEY'VE FOUND A BETTER WAY TO GET ATTENTION...
...THEY'VE JUST SPONSORED KANYE...
...AND NOW THEY'VE WITHDRAWN SPONSORSHIP.

FOR BETTER OR FOR WORSE by Lynn Johnston

MOM, I DON'T THINK FARLEY HEARS VERY WELL.
I KNOW, HONEY.
I TOOK HIM TO THE VET LAST WEEK. THE DOCTOR TOLD ME THAT HE DOESN'T SEE TOO WELL NOW, EITHER.
FARLEY IS OVER 80 IN OUR YEARS. THESE THINGS HAPPEN WHEN YOU GET OLDER. - PETS ARE JUST LIKE PEOPLE!
...EXCEPT THAT THEY NEVER COMPLAIN!!
01-30 www.fborfw.com

CURTIS by Ray Billingsley

MORNIN', CURTIS, WOULD YOU LIKE SOME BACON?
WOULD I LIKE SOME BACON? WOULD I LIKE SOME BACON?!
I'D SWAP MY BABY BROTHER FOR A PLATE OF BACON!
SHUT UP, UGLY!
NYAHH
HH
IT'S TOO EARLY FOR THIS!!

RHYMES WITH ORANGE by Hilary Price

ARLO & JANIS by Jimmy Johnson

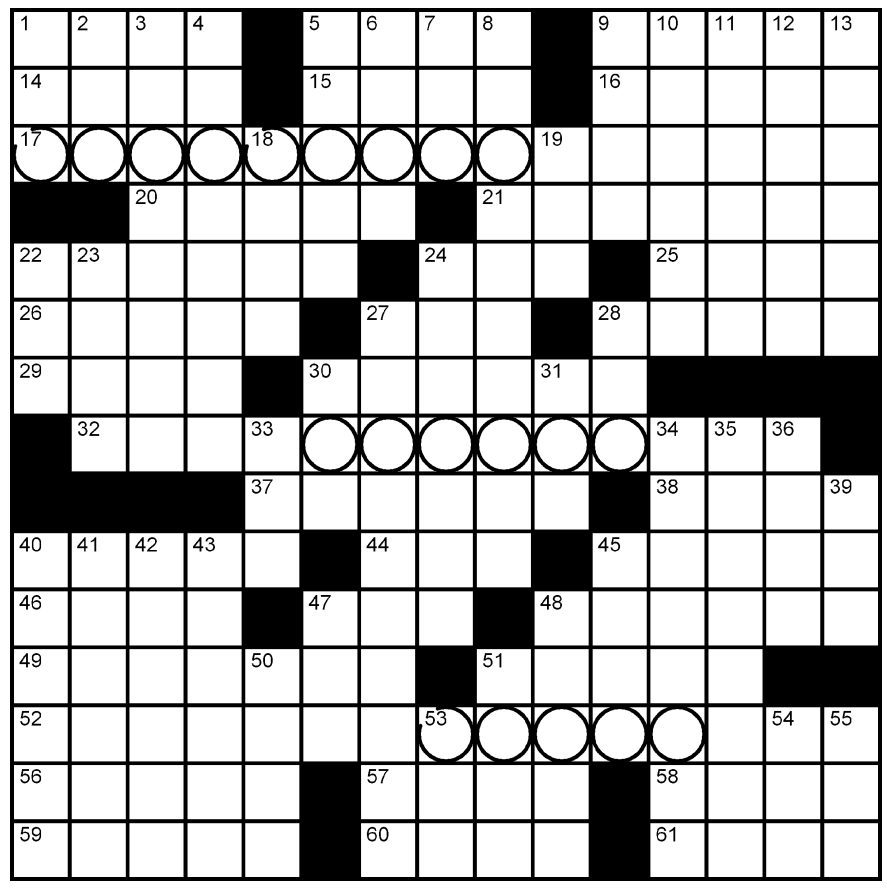
I'LL BE HERE AT THE RICE AND PASTA!
YOU RUN AHEAD TO THE SPICES!
THEN CUT ACROSS THE AISLE TOWARD THE CANNED FRUIT AND TURN AROUND!
NO!
NOT YET!

UNIVERSAL CROSSWORD PUZZLE

CHANGE MY MIND! BY HANH HUYNH | EDITED BY DAVID STEINBERG

JUMBLE® CROSSWORDS™ by David L. Hoyt

1-30-23

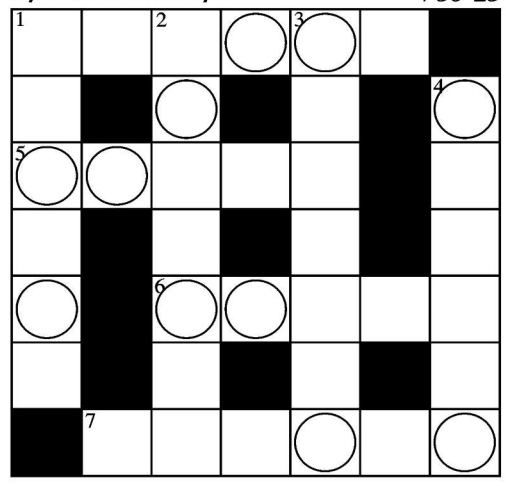


ACROSS

1 Trevor who hosted "The Daily Show"
5 Bit of matter
9 Colorado ski resort
14 ___-Hoop
15 Island near Java
16 Girl at a ball
17 Small quahogs (In this clue's answer, anagram letters 1-9)
20 Sends out
21 They can be treated with Visine
22 Leftovers
24 Particle hidden in "pistachio nuts"
25 Seaweed inside an uramaki roll
26 Long hikes
27 Stonewall ___
28 Intuit
29 Book part
30 Words before a deal, in poker
32 Car whose name sounds like an arachnid (... letters 5-10)
37 Like the photo "Raising the Flag on Iwo Jima"
38 Australian gem
40 "Cheers!" or "Salud!"
44 Airport org.
45 Small sticks
46 Tomato variety
47 Flabbergast
48 Used mouthwash
49 Complex woman of Greek myth?
51 Take care of
52 The "MB" in Brooklyn's DUMBO (... letters 8-12)
56 Like 57-Across, vis-a-vis Jacob
57 Jacob's twin
58 Corp. big shots
59 Bob Marley, religiously
60 Auto shop cloths
61 High-flying toy

DOWN

1 Carolina Hurricanes' org.
2 "Yes, mon cheri"
3 Secondary personality
4 One may craft a fedora
5 Helps, as a felon
6 Gets bikini lines, say
7 "Yay, Messi!"
8 Guam's region
9 Scantron choices
10 Luna, to the Greeks
11 Continue with the game
12 Krazy Glue company
13 Loch monster, affectionately
18 Facial features in the Rolling Stones logo
19 Jeong of "The Masked Singer"
22 NASCAR sponsor
23 Bad dice throw
24 Like a stare down
27 Up the creek
28 Secretly watch
30 UNC's athletic grp.
31 Lines scanned at checkout, for short
33 Do crisscross applesauce, e.g.
34 Slight decrease
35 Start of a TV series
36 Rock's ___ Against the Machine
39 Trip-inducing drug
40 Quake
41 "How fancy!"
42 Formally revises
43 Perfumed pouch
45 Stadium level
47 Glassblowing, for one
48 "CCCCCCC" for "seven seas," e.g.
50 Reid of "The Big Lebowski"
51 Small setback
53 Hard-rock connector
54 "We ___ Next" (early WNBA campaign)
55 U-turn from WNW



ACROSS

CLUE	ANSWER
1. Shack	HSNTYA
5. ____ juice	EGRPA
6. Asimov novel: "I, ____"	ROTBO
7. Hinder	EMIPED

DOWN

CLUE	ANSWER
1. Autographed	NDGISE
2. Heart, to Earth	RGANMAA
3. Shake	BERTLME
4. Hurry	EUSLHT

BONUS **CLUE:** "The ____ ____" radio program debuted on Jan. 31, 1936.

How to play Complete the crossword puzzle by looking at the clues and unscrambling the answers. When the puzzle is complete, unscramble the circled letters to solve the BONUS.

ANSWERS: 1A-Shanty 5A-Grape 6A-Robot 7A-Impede 1D-Signed 2D-Anagram 3D-Tremble 4D-Hustle 8-Green Hornet

©2023 Tribune Content Agency, LLC & Hoyt Designs. All Rights Reserved.

Send comments to TCA - 160 N. Stetson, Chicago, Illinois 60601 or DLHoyt@HoytInteractiveMedia.com

Boston's forecast

AccuWeather | Get the NEW app

TODAY
6 A.M. NOON 6 P.M.
HIGH **45-50** LOW **30-35**
Clouds and breaks of sun. Winds will be southwest at 6-12 mph. Mostly cloudy tonight with a shower in places. Winds will be west at 7-14 mph.

TUESDAY
6 A.M. NOON 6 P.M.
HIGH **31-36** LOW **19-24**
Sunshine and patchy clouds. Winds will be northwest at 8-16 mph. Partly cloudy at night. Winds will be north-northwest at 6-12 mph.

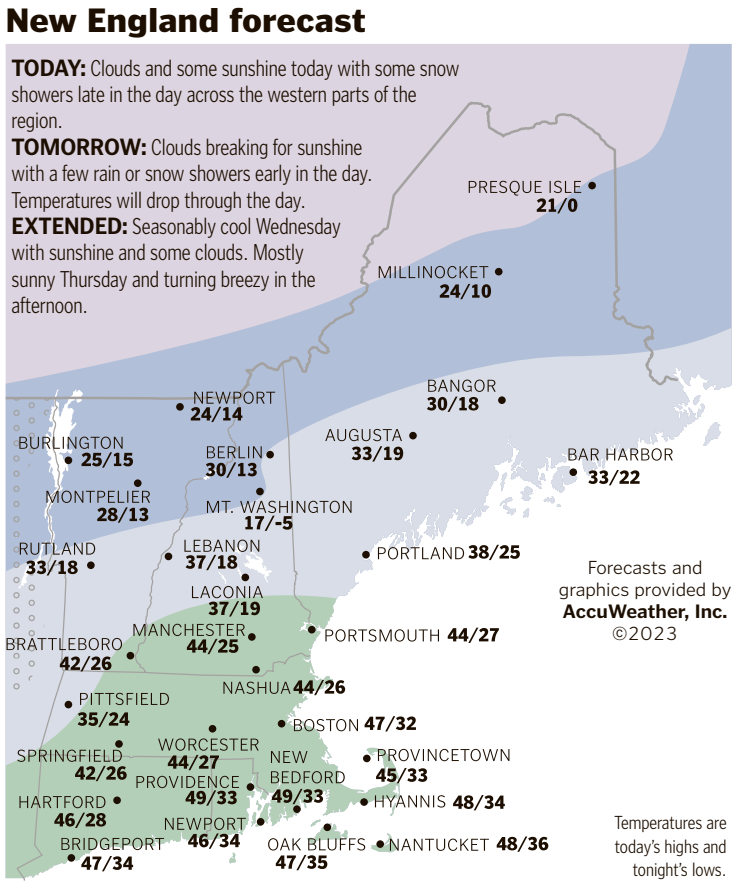
WEDNESDAY
6 A.M. NOON 6 P.M.
HIGH **30-35** LOW **22-27**
Mostly sunny. Winds will be west-northwest at 7-14 mph. Increasing cloudiness at night. Winds will be west-southwest at 7-14 mph.

THURSDAY
6 A.M. NOON 6 P.M.
HIGH **38-43** LOW **25-30**
Clouds to start, then sunshine returns. Winds will be south-southwest at 8-16 mph. Mainly clear at night. Winds will be west-southwest at 7-14 mph.

FRIDAY
6 A.M. NOON 6 P.M.
HIGH **26-31** LOW **-8--3**
Windy with sun. Winds will be west-northwest at 25-35 mph. Partly cloudy at night with a new temperature record of -2. Northwest winds at 15-25 mph.

New England forecast

TODAY: Clouds and some sunshine today with some snow showers late in the day across the western parts of the region.
TOMORROW: Clouds breaking for sunshine with a few rain or snow showers early in the day. Temperatures will drop through the day.
EXTENDED: Seasonably cool Wednesday with sunshine and some clouds. Mostly sunny Thursday and turning breezy in the afternoon.



Forecasts and graphics provided by **AccuWeather, Inc.** ©2023

Temperatures are today's highs and tonight's lows.

Almanac

Yesterday's high/low	51°/34°
Sunrise	7:00 a.m.
Sunset	4:55 p.m.
Moonrise	11:42 a.m.

Mount Washington (5 p.m. yesterday)

Weather	Dense fog
Visibility	0 miles
Wind	southwest at 51 m.p.h.
High/low temperature	21/8
Snow depth at 5 p.m.	24.0"

Boston snowfall (5 p.m. yesterday)

Yesterday	0.0"
Total for January	6.6"
Normal for January	12.9"
Season total	7.6"
Season normal	49.2"

Degree days

	Heat
Yesterday	22
Monthly total	777
Normal to date	1020
Season total (normal)	2424 (2939)
Last year to date	2650

24 Hr. Precipitation (valid at 5 p.m. yesterday)

Yesterday	Trace	Month to date	5.19"
Precip days in January	23	Norm. month to date	3.18"
Year to date	5.19"	Norm. year to date	3.18"

Climate data are compiled from National Weather Service records and are subject to change or correction.

Tides

	A.M.	P.M.
Boston high	6:06	6:48
Height	9.4	8.1
Boston low	---	12:32
Height	---	0.8
High tides		
Old Orchard ME	6:00	6:44
Hampton Beach NH	6:14	6:58
Plum Island	6:14	6:50
Ipswich	5:59	6:43

High tides	A.M.	P.M.
Gloucester	6:06	6:48
Marblehead	6:06	6:48
Lynn	6:07	6:51
Scituate	6:10	6:50
Plymouth	6:11	6:49
Cape Cod Canal East	5:59	6:40
Cape Cod Canal West	4:58	
Falmouth	5:50	6:32

High tides	A.M.	P.M.
Hyannis Port	7:10	8:02
Chatham	7:08	7:55
Wellfleet	6:20	7:02
Provincetown	6:08	6:50
Nantucket Harbor	7:16	8:07
Oak Bluffs	6:40	7:03
New Bedford	2:48	3:11
Newport RI	2:41	3:04

New England marine forecast

Small craft advisory ● Gale warning ● Storm warning

	Wind	Seas	Temp
Boston Harbor	SW 6-12 kts.	1-2 ft.	48/31
East Cape Cod Canal	SW 6-12 kts.	1-2 ft.	49/34
Buzzards Bay	SW 6-12 kts.	1-2 ft.	49/34
Martha's Vineyard	SW 6-12 kts.	1-2 ft.	48/35
Nantucket	SW 6-12 kts.	2-3 ft.	48/36
Provincetown	W 6-12 kts.	1-2 ft.	46/33

For current Charles River Basin water quality, call (781) 788-0007 or go to http://www.charlesriver.org.

Cities

Forecast high and low temperatures and conditions

● Travel delays possible, **C** Clouds, **F** Fog, **H** Haze, **I** Ice, **Pc** Partly Cloudy, **R** Rain, **Sh** Showers, **S** Sun, **Sn** Snow, **Fl** Flurries, **T** Thunderstorms, **W** Windy

	Today		Tomorrow	
Atlanta	64/50	R	58/47	C
Atlantic City	55/36	C	40/26	Pc
Charlotte	61/49	R	55/45	C
Chicago	13/-2	C	15/10	S
Dallas	33/28	Sh	32/28	I
● Denver	5/1	Sn	28/12	S
Detroit	26/6	Fl	19/9	Pc
Fort Myers	85/65	S	84/64	Pc

	Today		Tomorrow	
● Los Angeles	56/44	Sh	63/43	S
Miami	84/70	Pc	84/71	S
New Orleans	72/63	C	69/60	C
New York City	52/33	C	38/28	S
Philadelphia	57/37	C	40/28	Pc
● Phoenix	59/48	Sh	57/44	Sh
Salt Lake City	21/9	C	23/14	S
San Francisco	54/39	S	57/39	Pc

	Today		Tomorrow	
Seattle	40/30	S	38/35	C
Washington	58/39	C	41/31	C
Beijing	44/21	Pc	52/23	Pc
● Cancun	83/73	Pc	83/74	S
Mexico City	79/46	S	79/46	S
● Montreal	17/4	Sn	14/0	Pc
● Toronto	26/11	Fl	20/9	Pc
Vancouver	35/30	S	39/33	Pc

	Today		Tomorrow	
Jerusalem	59/42	S	48/42	R
London	49/38	Pc	52/39	C
Moscow	31/28	C	34/29	Sn
Paris	47/33	Pc	47/42	Pc
Rome	52/37	Pc	56/38	S
● San Juan	83/72	Sh	83/71	Pc
● Stockholm	39/29	Sn	34/27	Pc
Tokyo	49/36	S	47/37	Pc

HOROSCOPE

HAPPY BIRTHDAY for Monday, Jan. 30, 2023:
You have great speaking skills and a wonderful sense of humor. You are intelligent, disciplined and dedicated. You're a generous leader. This year is a quieter year that will give you a chance to rejuvenate your energy. Focus on business and personal relationships. Don't hesitate to ask for help.

ARIES *(March 21-April 19)*
This is an upbeat, optimistic day for you. You're in a positive frame of mind and very energetic mentally. Enjoy short trips. This is a strong day for those of you in sales, marketing, writing or teaching, because you're keen to tell it like it is. Tonight: Conversations!
TAURUS *(April 20-May 20)*
Business and commerce are favored today. You have lots of mental energy to explore business ventures and financial discussions. Take yourself seriously, because the ideas that you entertain today could become profitable. Remember: You are the financial wizard of the zodiac! Tonight: Money profits.
GEMINI *(May 21-June 20)*
This is a powerful day for you because the Moon is in your sign lined up with fiery Mars. Furthermore, it is dancing with lucky, moneybags Jupiter! You will enjoy being with friends. In fact, you might be concerned for their welfare. You will be very persuasive when dealing with groups. Tonight: You win!
CANCER *(June 21-July 22)*
Respect your ideas today. You might play things low-key and work alone or behind the scenes; nevertheless, some of your notions and concepts might promote your good name among your peers. Don't hesitate to share your ideas with a boss or someone in authority. Tonight: Quiet times.
LEO *(July 23-Aug. 22)*
Today you can deal with groups, clubs and organizations with skill and ease. People will listen to you! You will succeed if you have to teach or train others. You also might convince a friend to take a trip or do something to explore their surroundings. "Follow me!" Tonight: You're popular!
VIRGO *(Aug. 23-Sept. 22)*
You are high-viz today, which means people notice you more than usual. Probably you will do something to call attention to yourself. Be aware that others are also privy to private details about your personal life. (Time for some damage control?) Tonight: You're impressive.
LIBRA *(Sept. 23-Oct. 22)*
This is the perfect day to learn something new and exciting! You will enjoy classes, groups and gatherings, especially with people from other cultures or different backgrounds. Basically, you want to do something today that expands your world! Some will make travel plans. Tonight: Explore!
SCORPIO *(Oct. 23-Nov. 21)*
You might have a significant discussion with a parent or a family member today, especially when dealing with shared expenses, inheritances or how to use money from a third party or financial resource. (You probably have definite ideas about this.) Tonight: Check your finances.
SAGITTARIUS *(Nov. 22-Dec. 21)*
This is a fast-moving day for you. Expect to attract someone to you who is bouncy, energetic and a bit "in your face." You will certainly have a lively encounter with someone, perhaps a partner, spouse or close friend. You might need to demonstrate some friendly patience. Tonight: Easy communications.
CAPRICORN *(Dec. 22-Jan. 19)*
Without question, this will be a productive day for you! You have focus, determination and energy to get things done. This will apply double if you are working in a home business. You also might use this energy to expand or renovate where you live. It's exciting! Tonight: Finances look good.
AQUARIUS *(Jan. 20-Feb. 18)*
This is a fabulous, playful day for you! Get out and have some fun times. Enjoy playful activities with kids. Attend a sports event. Explore the arts. Grab a movie or see a musical performance. Meanwhile, this is a great date day! Romance will sizzle! Tonight: You're confident.
PISCES *(Feb. 19-March 20)*
Keep your eyes open for real estate deals today, because you can benefit from improving your home or exploring real estate. You also might entertain at home today. A lively family discussion might take place. This is also an excellent day to buy wardrobe treasures for yourself (including boots and shoes). Tonight: Schmooze.

(c) 2023 by King Features Syndicate Inc.

SUDOKU

		2		8				
	3	9						6
8			7		1			
	9				5			4
7		8		2		5		1
5			3				8	
			4		7			3
2						9	6	
				3		4		

Fill in the grid so that every row, every column, and every 3X3 box contains the digits 1 through 9. Puzzle difficulty levels: Easy on Monday and Tuesday, more difficult on Wednesday and Thursday, most difficult on Friday and Saturday. Tips and computer program at www.sudoku.com.

DAILY BRIDGE CLUB

BY FRANK STEWART

West dealer — Both sides vulnerable

North
♠ K 7 5
♡ Q 9 2
♢ J 9 7 3 2
♣ Q 5

West
♠ A J 10 6 2
♡ 6 4
♢ 10
♣ K 8 6 3 2

East
♠ 8 4 3
♡ 8 7 3
♢ K Q 8
♣ J 10 9 4

South
♠ Q 9
♡ A K J 10 5
♢ A 6 5 4
♣ A 7

West	North	East	South
Pass	Pass	Pass	1 ♡
1 ♠	2 ♡	Pass	4 ♡
All Pass			

Opening lead — ♢ 10

Cy the Cynic had been absent from the club.
"What have you been up to?" I asked when he showed up for a penny game.
"Tending to my taxes," Cy said shortly.
"Do you use Form 1040 or 1040A?"
"The only difference," the Cynic growled, "is whether the IRS or your CPA gets your money."
As today's declarer, Cy learned that the play to the first trick can make all the difference. When West led the 10 of diamonds against four hearts, Cy swiftly covered with dummy's jack: queen, ace. Cy drew trumps and led another diamond, but East won with the eight and shifted to a club. The defense got a club, the ace of spades and East's king of diamonds. Down one.
Cy erred at Trick One. He must play low from dummy and from his hand.
If West shifts to a trump — nothing else is better — Cy draws trumps and leads the ace and another diamond. East can win and lead a club, but Cy takes the ace and discards his club loser on dummy's diamonds, losing only three tricks in all.

DAILY QUESTION You hold: ♠ A J 10 6 2 ♡ 6 4 ♢ 10 ♣ K 8 6 3 2. Neither side vulnerable. The dealer, at your right, opens one heart. What do you say?

ANSWER: Even in a sound overcalling style, this type of hand demands action. Many players would bid one spade. A conventional option is a "Michaels" cue bid of two hearts, promising length in spades and one of the minor suits. That call typically shows a hand with playing tricks but limited defensive strength.

ZIPPY "Routine Behavior" by Bill Griffith

ZIPPY'S IDEAL DAY--
9 A.M. FONDLE STYRO-FOAM FOOTWEAR.
1 P.M. WARN FELLOW CITIZENS OF AN ALIEN INVASION FROM THE PLANET SANRIO--
THEY HAVE NO MOUTHS!
5 P.M. CLOCK OUT AT HIS JOB AT SHOE KING SAM'S IN DINGBURG'S STUBBLE CENTER--
DO THEY COME IN SUEDE?
I'LL PRETEND I DIDN'T HEAR THAT!
7 P.M. CHAT UP LITTLE CARTOON GUYS AFTER A POINDEXTER BAR BAT SHOPPING SPREE ON CRISPIX CORRIDOR--
GRIFFY

ADAM@HOME by Rob Harrell

HOW'S YOUR NAP?
SNXX HUH??
I SAID. HOW'S YOUR NAP?
WHA?
WHY WOULD YOU WAKE ME UP TO ASK ME THAT? THAT'S SO NOT COOL.
SOUNDS LIKE THIS PARTICULAR NAP MADE YOU CRABBY.
AWAY WITH YOU, CHILD.

BIZARRO by Wayno & Piraro

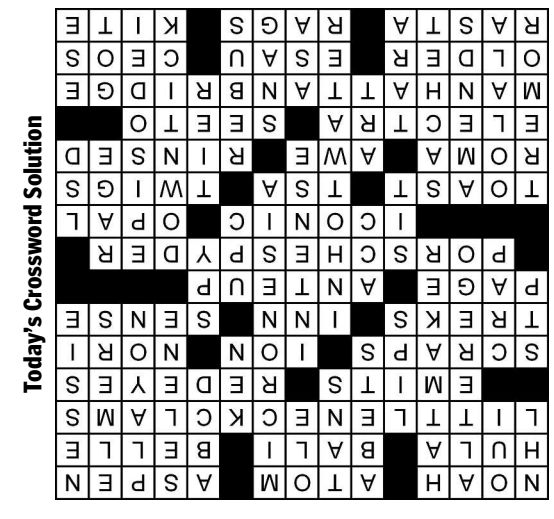
ROSE IS ROSE by Pat Brady & Don Wimmer

JUMBO... I'M SENDING YOU A TELEPATHIC MESSAGE TO WHISK ME AWAY TO AN EXOTIC LOCATION.
WOULD YOU LIKE SOME HELP WITH THE LAUNDRY?
SURE! YOU CAN MAKE THE PLANE RESERVATIONS LATER.

MOTHER GOOSE & GRIMM by Mike Peters

WHERE'S RALPH THIS MORNING?
HE WENT TO HIS CHAI TEA TRAINING CLASS
YOU MEAN HIS TAI CHI TRAINING CLASS
OKAY, TRY STABBING ME WITH YOUR SUGAR SPOON

Today's Crossword Solution



Today's Sudoku Solution

6	1	7	9	3	2	4	5	8
2	4	3	8	5	1	9	6	7
9	8	5	7	6	4	2	1	3
5	2	4	6	1	3	7	8	9
7	6	8	4	2	9	5	3	1
3	9	1	5	7	8	6	2	4
8	5	6	1	9	7	3	4	2
1	3	9	2	4	5	8	7	6
4	7	2	3	8	6	1	9	5

The Boston Globe's **Black History Month Film Festival** honors and celebrates the lives, culture, and creativity of Black Americans through film. Featuring both classic and new works, each screening is followed by a virtual panel event to provide insight and context for these stories of strength, joy, and love.

Embrace: The Kings

Streaming: Feb. 1–5

Discussion:
Mon., Feb. 6 | 3:00 p.m.

The Rebellious Life of Mrs. Rosa Parks

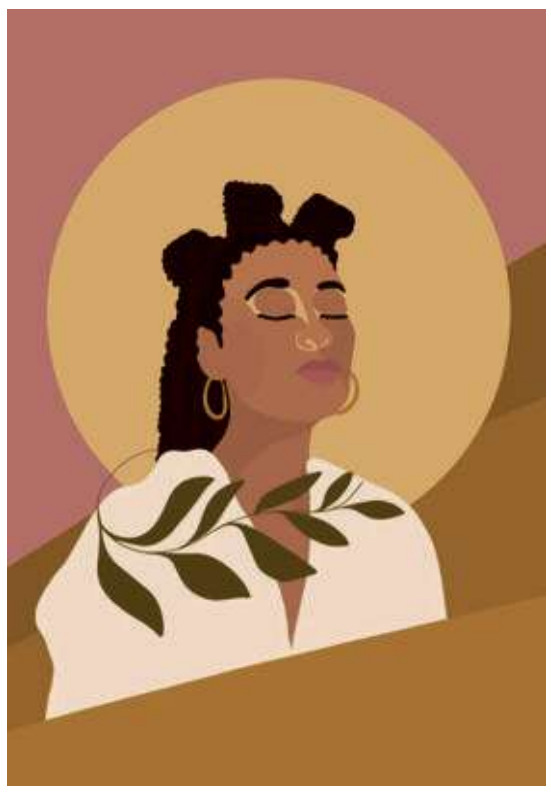
At the MFA | Ticket Required

Screening + Discussion:
Fri., Feb. 10 | 7:00 - 9:15 p.m.

Set it Off

Streaming: Feb. 8–12

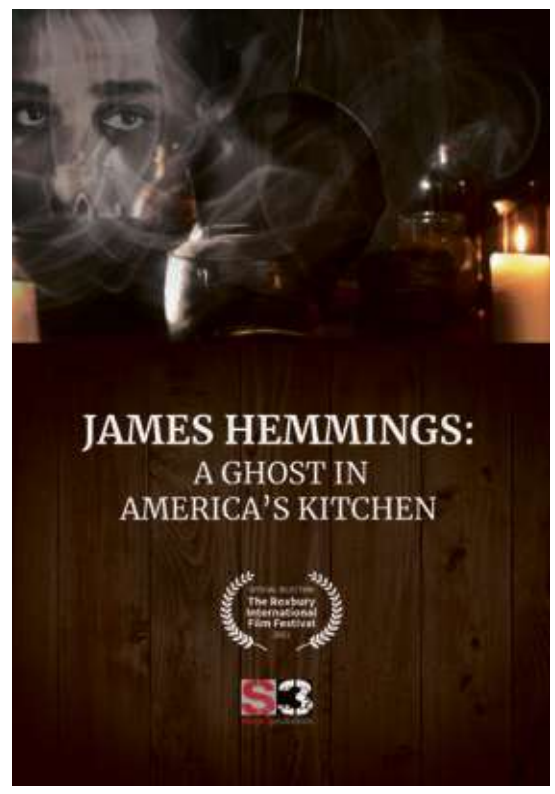
Discussion:
Mon., Feb. 13 | 3:00 p.m.



A Beautiful Resistance Season 3

Streaming: Feb. 15–19

Discussion:
Tues., Feb. 21 | 3:00 p.m.



James Hemings: Ghost in America's Kitchen

Streaming: Feb. 22–26

Discussion:
Mon., Feb. 27 | 3:00 p.m.

For more info and to RSVP go to Globe.com/bhmff or scan

Sponsored by: UBS | New England Aquarium — Protecting the blue planet

In partnership with: A Beautiful Resistance | ROX FILM | GLOBEDOCS | 10 BOSTON | MFABoston